FISCAL YEAR 1985 NIAID AWARDS

(OCTOBER 1, 1984 - SEPTEMBER 30, 1985)

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EXTRAMURAL PROGRAMS
RESEARCH GRANTS AND CAREER AWARDS
(BY RESEARCH AREAS)

PART II

EXTRAMURAL PROGRAMS
TRAINING GRANTS AND FELLOWSHIPS
(BY RESEARCH AREAS)

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(BY RESEARCH AREAS)

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INDEX BY INVESTIGATOR
INDEX BY NUMBER
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INTRODUCTION

This NIAID AWARDS publication provides an itemized listing of the Extramural grants and contracts of the National Institute of Allergy and Infectious Diseases (NIAID). It identifies all awards which either were funded in fiscal year 1985 or were active on September 30, 1985, but funded in prior fiscal years. Part I through Part III are listed by research areas determined by the NIAID Multi-Axis Code System (MACS), a hierarchical scientific coding system which was implemented in fiscal year 1979.

Part I lists research grants and research career awards by research areas. Each grant is itemized and includes the name of the principal investigator, the NIAID grant number, the amount of fiscal year 1985 support, the sponsoring institution, the NIAID branch assignment, and the research project title. An asterisk (*) in the amount column indicates those projects that did not receive fiscal year 1985 funds but were active during the period covered by this report. The research support mechanism designation is indicated by a preface to the grant number that is interpreted as follows:

K04 -- Research Career Development Award
K06 -- Research Career Award
K07 -- Academic Career Award
K08 -- Clinical Investigator Award
K11 -- Physician Scientist Award (Individual)
P01 -- Research Program Projects
P50 -- Asthma and Allergic Disease Centers
R01 -- Regular Research Project
R09 -- Scientific Evaluation
R13 -- Conference Grant
R15 -- Academic Research Enhancement Awards
R22 -- United States - Japan Cooperative Medical Science Program
R23 -- Special Research Award Program
R43 -- Small Business Innovation Research Grant - Phase I
R44 -- Small Business Innovation Research Grant - Phase II
S06 -- Minority Biomedical Support
S11 -- Minority Biomedical Research Support Thematic Project Grants
U01 -- Research Project (Cooperative Agreement)
U09 -- Scientific Review and Evaluation (Cooperative Agreements)

The branch assignments are identified in all parts of this publication as follows:

01 -- Allergy & Clinical Immunology Branch
02 -- Immunobiology & Immunochemistry Branch
03 -- Genetics & Transplantation Biology Branch
04 -- Immunopathology Branch
30-33 -- Bacteriology & Virology Branch
40-41 -- Molecular Microbiology & Parasitology Branch
50-56 -- Development & Applications Branch
60-70 -- Clinical and Epidemiological Studies Branch
76-77 -- Research Resources Branch
90 -- International Collaboration in Infectious Diseases Research Program

Part II follows the same format (as Part I) for training and fellowship support. Where an amount is followed by the symbol (#) in the fellowships, fiscal year 1985 funds were awarded but the fellow was "not yet on duty" at the time of this report. The preface to the grant number in Part II is interpreted as follows:

T32 -- Institutional National Research Service Award
T35 -- NRSA Professional Student Short-term Research Grant
F32 -- Postdoctoral Individual National Research Service Award
F34 -- MARC NRSA Faculty Fellowship Award
F35 -- Intramural NRSA Individual Postdoctoral Program Appointee

Part III lists the contracts that were active during all or part of fiscal year 1985. Projects supported by other Institutes are indicated by (#) and amounts so marked are not included in any totals. The preface to the contract number in Part III is interpreted as follows:

N01 -- Research and Development Contracts
N43 -- Small Business Innovation Research - Phase I
Y01 -- NIH Interagency Agreement - Any government agency outside NIH, i.e. CDC, FHA

Part IV lists awards to foreign institutions by country. These grant and contract awards are also listed in Part I, Part II or Part III, by scientific category.

Part V is comprised of four indices to awards listed in Parts I, II, III:

a) alphabetical by principal investigator
b) numerical by award number
c) alphabetical by scientific category
d) alphabetical by institution

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NIAID EXTRAMURAL AWARDS FOR FISCAL YEAR 1985

	IAID				MID				TOTAL			
	% OF NO.	NO.	AMT. OF AWARDS	% OF AMT.	% OF NO.	NO.	AMT. OF AWARDS	% OF AMT.	% OF NO.	NO.	AMT. OF AWARDS	% OF AMT.
RESEARCH GRANTS*	37.3	658	106,037,181	42.0	62.7	1,105	146,392,712	58.0	100.0	1,763	252,429,893	100.0
FELLOWSHIPS												
INDIVIDUAL	41.3	31	803,852	43.5	58.7	44	1,044,857	56.5	100.0	75	1,848,709	100.0
INSTITUTIONAL	45.8	33	4,301,195	45.1	54.2	39	5,236,781	54.9	100.0	72	9,537,976	100.0
RESEARCH CAREERS												
RCDA	31.7	13	675,957	32.3	68.3	28	1,415,614	67.7	100.0	41	2,091,571	100.0
RCA	30.0	3	82,149	26.5	70.0	7	227,677	73.5	100.0	10	309,826	100.0
ADAA	100.0	5	258,302	100.0	----	---	-------	----	100.0	5	258,302	100.0
CIA	40.0	2	122,240	38.5	60.0	3	195,449	61.5	100.0	5	317,689	100.0
PSA	44.4	8	488,853	42.7	55.6	10	657,131	57.3	100.0	18	1,145,984	100.0
CONTRACTS	25.5	24	3,913,472	14.5	74.5	70	23,003,567	85.5	100.0	94	26,917,039	100.0
TOTAL & PERCENTAGES	37.3	777	116,683,201	39.6	62.7	1,306	178,173,788	60.4	100.0	2,083	294,856,989	100.0

* EXCLUDES R15 AWARDS

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PART I

TOTAL RESEARCH GRANTS AND CAREER PROGRAMS

(BY RESEARCH AREAS)

RESEARCH GRANTS

*1777	AWARDS FUNDED	$253,291,789
96	GRANTS ACTIVE	NO FY 1985 FUNDS

CAREER PROGRAMS

79	AWARDS FUNDED	$ 4,123,372

*INCLUDES 13 R15'S FUNDED BY SPECIAL APPROPRIATION $ 861,896
S06'S AND S11'S NOT INCLUDED IN COUNT

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RESEARCH GRANTS & CAREER PROGRAMS

TOTAL 542 AWARDS FUNDED -- $67,786,925 *PLUS 33 GRANTS ACTIVE; NO 1985 FUNDS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ANTIBIOTIC ACTION, STRUCTURE, AND SYNTHESIS	
BAKER, DAVID C	R01 AI 22296-01	149,994	UNIVERSITY OF ALABAMA IN UNIVERSITY BIOSYNTHESIS OF ARA-A, 2'-DEOXYCOFORMYCIN	41
BARRETT, ANTHONY G	R01 AI 20644-01A1	121,845	NORTHWESTERN UNIVERSITY TOTAL SYNTHESIS OF THE AVERMECTINS A1B AND A2B	41
BARRETT, ANTHONY G	R01 AI 22252-01	125,363	NORTHWESTERN UNIVERSITY TOTAL SYNTHESIS OF THE NIKKOMYCINS AND NEOPOLYOXINS	41
CRIMMINS, MICHAEL T	R01 AI 19544-03	81,536	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL TOTAL SYNTHESIS OF THE MILBEMYCINS AND THE AVERMECTINS	41
CRIMMINS, MICHAEL T	R01 AI 20283-03	69,733	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL SYNTHESIS OF CYCLOPENTANOIDS BY PHOTOCYCLOADDITIONS	41
DANISHEFSKY, SAMUEL J	R01 AI 16943-06	185,851	YALE UNIVERSITY THE SYNTHESIS OF ANTIBIOTICS	41
DE SHONG, PHILIP R	R01 AI 20066-03	97,022	PENNSYLVANIA STATE UNIVERSITY PARK TOTAL SYNTHESIS OF TIRANDAMYCIN AND STREPTOLYDIGIN	41
FAULKNER, DAVID J	R01 AI 11969-12	116,021	UNIVERSITY OF CALIFORNIA SAN DIEGO ANTIBIOTICS FROM MARINE ORGANISMS	41
FLOSS, HEINZ G	R01 AI 20264-03	180,196	OHIO STATE UNIVERSITY STUDY OF BIOLOGICALLY ACTIVE MICROBIAL METABOLITES	41
FRASER-REID, BERTRAM O	R01 AI 20117-03	117,910	DUKE UNIVERSITY ACTINOBOLIN VIA THE ANOMERIC EFFECT	41
GEORG, GUNDA I	R01 AI 21612-02	65,143	UNIVERSITY OF KANSAS LAWRENCE 3-HYDROXYETHY 1-2-AZETIDINONES STEREOSELECTIVE SYNTHESIS	41
GOODELL, ERNEST W	R15 AI 23139-01	63,500	COLLEGE OF TECHNOLOGY AT UTICA-ROME MODIFIED MUROPEPTIDES AS ANTIBACTERIAL AGENTS	41
HART, DAVID J	R01 AI 21074-02	86,422	OHIO STATE UNIVERSITY SYNTHESIS OF AMINO ACID DERIVED NATURAL PRODUCTS	41
HEATHCOCK, CLAYTON H	R01 AI 15027-08	164,068	UNIVERSITY OF CALIFORNIA BERKELEY ACYCLIC STEREOSELECTION IN NATURAL PRODUCT SYNTHESIS	41

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ANTIBIOTIC ACTION, STRUCTURE, AND SYNTHESIS	
HOENER, BETTY-ANN	R01 AI 18423-02	154,717	UNIVERSITY OF CALIFORNIA SAN FRANCISCO 5-NITROFURANS-METABOLISM AND DISPOSITION	41
HUDLICKY, TOMAS	R01 AI 19749-03A1	119,805	VIRGINIA POLYTECHNIC INST AND ST UNIV CORIOLIN AND OTHER TRIQUINANE SESQUITERPENES	41
JOHNSON, FRANCIS	R01 AI 19709-03	86,075	STATE UNIVERSITY NEW YORK STONY BROOK TOTAL SYNTHESIS OF THE ANTIBIOTIC THERMORUBIN	41
KALLMERTEN, JAMES L	R23 AI 19632-03	53,313	SYRACUSE UNIVERSITY AT SYRACUSE SYNTHESIS OF THE NARGENICINS--NEW CLASS OF ANTIBIOTICS	41
KNAPP, SPENCER A	R01 AI 18703-03	0*	RUTGERS THE STATE UNIV NEW BRUNSWICK TOTAL SYNTHESIS OF AMINOCYCLITOL ANTIBIOTICS	41
KNOX, JAMES R	R01 AI 16702-06	81,232	UNIVERSITY OF CONNECTICUT STORRS X-RAY STRUCTURE OF A PENICILLIN RECEPTOR	41
KURTH, MARK J	R01 AI 20740-01A1	71,214	UNIVERSITY OF CALIFORNIA DAVIS EANTIOSELECTIVE TOTAL SYNTHESIS: (+)-IKARUGAMYCIN	41
MASAMUNE, SATORU	R01 AI 15403-07	222,259	MASSACHUSETTS INSTITUTE OF TECHNOLOGY SYNTHESIS OF MACROLIDE NATURAL PRODUCTS	41
MC GARVEY, GLENN J	R01 AI 17595-05	108,099	UNIVERSITY OF VIRGINIA CHARLOTTESVILLE THE TOTAL SYNTHESIS OF POLYENE MACROLIDE ANTIBIOTICS	41
MC GARVEY, GLENN J	R01 AI 18889-03	75,951	UNIVERSITY OF VIRGINIA CHARLOTTESVILLE THE SYNTHESIS OF COMPLEX GLYCOSIDES	41
MELTZER, PETER C	R43 AI 20815-01A1	50,000	H. G. PARS PHARMACEUTICAL LABS, INC. BACTERIOCIDES AND FUNGICIDES FOR HEALTH CARE	41
MITSCHER, LESTER A	R01 AI 13155-11	158,203	UNIVERSITY OF KANSAS LAWRENCE NEW ANTIBIOTICS--ISOLATION, SYNTHESIS, AND EVALUATION	41
MOORE, HAROLD W	R01 AI 15651-06	111,737	UNIVERSITY OF CALIFORNIA IRVINE SYNTHETIC AND NATURAL B-LACTAMS	41
PRICE, CHESTER W	R01 AI 22459-01	133,704	UNIVERSITY OF CALIFORNIA DAVIS MOLECULAR GENETICS OF BACILLUS SUBTILIS RNA POLYMERASE	41

(*) = ACTIVE; NO FY 1985 FUNDS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ANTIBIOTIC ACTION, STRUCTURE, AND SYNTHESIS	
RINEHART, KENNETH L, JR	R01 AI 01278-29	212,311	UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN CHEMISTRY AND BIOCHEMISTRY OF CERTAIN ANTIBIOTICS	41
RINEHART, KENNETH L, JR	R01 AI 04769-24	270,107	UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN STRUCTURES OF ANTIBIOTICS AND RELATED COMPOUNDS	41
SCHALKOWSKY, SAMUEL	R43 AI 20805-01S1	5,644	SPIRAL SYSTEM INSTRUMENTS, INC. AUTOMATED DOSE-RESPONSE ANALYSIS	41
SCHLESSINGER, RICHARD H	R01 AI 19133-04	114,687	UNIVERSITY OF ROCHESTER THE SYNTHESIS OF ROSARAMYCIN AND RELATED SYSTEMS	41
STROMINGER, JACK L	R01 AI 09152-17	101,868	HARVARD UNIVERSITY BIOCHEMISTRY: MECHANISM OF ACTION OF PENICILLIN	41
TAKAYAMA, KUNI K	R22 AI 11297-10	0*	UNIVERSITY OF WISCONSIN MADISON MECHANISM OF ACTION OF ISONIAZID ON TUBERCLE BACILLUS	41
TASCHNER, MICHAEL J	R15 AI 23230-01	71,000	UNIVERSITY OF AKRON A VERSATILE ROUTE FOR SYNTHESIS OF CLERODANE DITERPENES	41
TOWNSEND, CRAIG A	R01 AI 14937-07	208,803	JOHNS HOPKINS UNIVERSITY B LACTAM AND AMINO ACID DERIVED ANTIBIOTIC BIOSYNTHESIS	41
WHITE, JAMES D	R01 AI 10964-12	177,442	OREGON STATE UNIVERSITY SYNTHESIS OF MACROLIDE ANTIBIOTICS	41
WHITESELL, JAMES K	R01 AI 20357-03	83,952	UNIVERSITY OF TEXAS AUSTIN THE SYNTHESIS OF IKARUGAMYCIN	41
WILLIAMS, DAVID R	R01 AI 17668-06	117,041	INDIANA UNIVERSITY BLOOMINGTON STUDIES IN THE CHEMISTRY OF INTERESTING ANTIBIOTICS	41
WILLIAMS, DAVID R	R01 AI 17674-04	91,370	INDIANA UNIVERSITY BLOOMINGTON CHEMICAL SYNTHESIS OF NOVEL NATURAL PRODUCTS	41
WILLIAMS, ROBERT M	R01 AI 18957-04	89,631	COLORADO STATE UNIVERSITY BICYCLOMYCIN SYNTHESIS AND ANTIBIOTIC BIOMECHANISM	41
	41	4,599,769		
HUDLICKY, TOMAS	K04 AI 00564-02	51,475	VIRGINIA POLYTECHNIC INST AND ST UNIV INTRAMOLECULAR CYCLOPENTENE ANNULATION	41

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ANTIBIOTIC ACTION, STRUCTURE, AND SYNTHESIS	
MATES, SUSAN M	K08 AI 00704-02	65,757	BROWN UNIVERSITY STREPTOMYCIN EFFECT ON MEMBRANE-BOUND&FREE POLYRIBOSOMES	41
MILLER, MARVIN J	K04 AI 00535-03	50,112	UNIVERSITY OF NOTRE DAME NEW APPROACHES TO B-LACTAMS AND OTHER NATURAL PRODUCTS	41
WILLIAMS, ROBERT M	K04 AI 00580-02	50,242	COLORADO STATE UNIVERSITY SYNTHESIS AND STUDY OF MEDICINALLY IMPORTANT COMPOUNDS	41
	4	217,586		
			MECHANISM OF RESISTANCE TO ANTIMICROBIAL AGENTS	
ARCHER, GORDON L	R01 AI 21772-01	110,091	VIRGINIA COMMONWEALTH UNIVERSITY GENETIC CONTROL OF STAPHYLOCOCCAL PLASMID SELF-TRANSFER	41
BASTIA, DEEPAK	R01 AI 19881-03	113,198	DUKE UNIVERSITY MECHANISM OF REPLICATION OF DRUG RESISTANCE FACTORS	41
BERG, DOUGLAS E	R01 AI 14267-08	148,325	WASHINGTON UNIVERSITY TRANSPOSABLE ELEMENTS IN BACTERIA	41
BERTRAND, KEVIN P	R01 AI 16735-06	128,453	UNIVERSITY OF CALIFORNIA IRVINE TRANSCRIPTIONAL CONTROL OF GENE EXPRESSION	41
BURDETT, VICKERS	R01 AI 15619-06	138,443	DUKE UNIVERSITY STREPTOCOCCUS PLASMIDS: MOLECULAR GENETIC ANALYSIS	41
CLEWELL, DON B	R01 AI 10318-14	167,644	UNIVERSITY OF MICHIGAN AT ANN ARBOR TRANSFERABLE STREPTOCOCCAL TRANSPOSON, TN916	41
CLOWES, ROYSTON C	R01 AI 10468-12	0*	UNIVERSITY OF TEXAS DALLAS INFECTIOUS DRUG RESISTANCE PLASMIDS	41
COHEN, STANLEY N	R01 AI 08619-18	291,761	STANFORD UNIVERSITY GENETIC MECHANISMS IN BACTERIAL ANTIBIOTIC RESISTANCE	41
COOPERMAN, BARRY S	R01 AI 16806-06	179,230	UNIVERSITY OF PENNSYLVANIA ANTIBIOTIC PROBES OF RIBOSOMAL STRUCTURE AND FUNCTION	41
DUBNAU, DAVID A	R01 AI 17472-05	121,479	PUBLIC HLTH RES INST OF THE CITY OF NY PLASMID BIOLOGY IN BACILLUS SUBTILIS	41

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MECHANISM OF RESISTANCE TO ANTIMICROBIAL AGENTS	
EIDELS, LEON	R01 AI 16805-06	137,740	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS STUDIES ON DIPHTHERIA TOXIN AND ITS RECEPTOR	41
FINK, ANTHONY L	R01 AI 21051-01A1	127,351	UNIVERSITY OF CALIFORNIA SANTA CRUZ MECHANISMS OF CATALYSIS & INHIBITION OF B-LACTAMASE	41
GROMAN, NEAL B	R01 AI 10492-14	113,832	UNIVERSITY OF WASHINGTON PHAGE, PLASMIDS AND C. DIPHTHERIAE GENETICS	41
GUINEY, DONALD G	R01 AI 16463-06	132,428	UNIVERSITY OF CALIFORNIA SAN DIEGO ANTIBIOTIC RESISTANCE OF BACTEROIDES	41
HALL, LEO T	R15 AI 23137-01	63,496	PHILLIPS UNIVERSITY REGULATION OF FUSIDIC ACID AND STREPTOMYCIN RESISTANCE	41
HELINSKI, DONALD R	R01 AI 07194-20	193,586	UNIVERSITY OF CALIFORNIA SAN DIEGO STRUCTURE AND GENETIC CONTROL OF COLICINES	41
INSELBURG, JOSEPH W	R01 AI 08937-16	0*	DARTMOUTH COLLEGE STABLE PLASMID-CELL ASSOCIATIONS	41
IPPEN-IHLER, KARIN A	R01 AI 14426-09	146,265	TEXAS AGRI AND MECH UNIV COLLEGE STATION THE GENETICS AND BIOCHEMISTRY OF PLASMID TRANSFER	41
KHORANA, HAR G	R01 AI 11479-13	129,676	MASSACHUSETTS INSTITUTE OF TECHNOLOGY STUDIES OF BIOLOGICAL MEMBRANES	41
LEVY, STUART B	R01 AI 16756-05	0*	TUFTS UNIVERSITY MICROBIAL RESISTANCE TO TETRACYCLINES	41
LURIA, SALVADOR E	R01 AI 03038-26	0*	MASSACHUSETTS INSTITUTE OF TECHNOLOGY CELL CONTROL FUNCTIONS AND BACTERIOCIN ACTION	41
MACRINA, FRANCIS L	R01 AI 20153-03	125,161	VIRGINIA COMMONWEALTH UNIVERSITY ANTIBIOTIC RESISTANCE IN ORAL AND COLONIC ANAEROBES	41
MORGAN, EDWARD A	R01 AI 22493-01	107,791	NEW YORK STATE DEPT OF HEALTH ANTIBIOTIC RESISTANCE MUTATIONS IN R RNA GENES	41

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MECHANISM OF RESISTANCE TO ANTIMICROBIAL AGENTS	
MURPHY, JOHN R	R01 AI 21628-02	161,505	UNIVERSITY HOSPITAL (BOSTON) VIRULENCE FACTORS OF CORYNEBACTERIUM DIPHTHERIAE	41
NIKAIDO, HIROSHI	R01 AI 09644-16	180,655	UNIVERSITY OF CALIFORNIA BERKELEY BIOCHEMISTRY OF BACTERIAL CELL MEMBRANES	41
PRATT, REX F	R01 AI 17986-04	135,138	WESLEYAN UNIVERSITY BETA-LACTAMASES ACTIVE SITE CHEMISTRY	41
SALYERS, ABIGAIL A	R01 AI 22383-01	125,667	UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN CONJUGAL TRANSFER OF BACTEROIDES ANTIBIOTIC RESISTANCES	41
SCOTT, JUNE R	R01 AI 17696-05	190,345	EMORY UNIVERSITY PLASMID REPLICATION AND RECOMBINATION IN E COLI	41
SHOCKMAN, GERALD D	R01 AI 05044-22	161,582	TEMPLE UNIVERSITY BIOSYNTHESIS OF BACTERIAL CELL WALLS AND MEMBRANES	41
SILVER, SIMON D	R01 AI 15672-06	149,026	WASHINGTON UNIVERSITY PLASMID-DETERMINED RESISTANCE TO HEAVY METALS	41
SWITZER, ROBERT L	R01 AI 11121-13	110,027	UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN NOVEL CONTROL MECHANISMS IN ENDOSPORE FORMATION	41
SYPHERD, PAUL S	R01 AI 20238-01A4	104,835	UNIVERSITY OF CALIFORNIA IRVINE ADAPTATION TO ANTIBIOTIC RESISTANCE IN MUCOR	41
TALLY, FRANCIS P	R01 AI 19497-03	156,519	TUFTS UNIVERSITY DETERMINANTS OF VIRULENCE IN BACTEROIDES FRAGILIS	41
TROY, FREDERIC A	R01 AI 09352-16	180,726	UNIVERSITY OF CALIFORNIA DAVIS CHEMISTRY AND BIOSYNTHESIS OF CELL-SURFACE POLYMERS	41
WEISBLUM, BERNARD	R01 AI 18283-05	127,190	UNIVERSITY OF WISCONSIN MADISON REGULATION OF AN ANTIBIOTIC RESISTANCE DETERMINANT	41
	35	4,459,165		
			RECOMBINANT DNA	
FOX, MAURICE S	R01 AI 05388-23	207,407	MASSACHUSETTS INSTITUTE OF TECHNOLOGY GENETIC RECOMBINATION AND MICROBIAL DNA SYNTHESIS	41

(*) = ACTIVE; NO FY 1985 FUNDS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			RECOMBINANT DNA	
FRIEDMAN, DAVID I	R01 AI 14363-09	128,086	UNIVERSITY OF MICHIGAN AT ANN ARBOR GENETICS OF HOST FACTORS IN INTEGRATIVE RECOMBINATION	41
KOWALCZYKOWSKI, STEPHEN C	R01 AI 18987-04	173,858	NORTHWESTERN UNIVERSITY MECHANISTIC STUDIES OF GENETIC RECOMBINATION	41
LACKS, SANFORD A	R01 AI 14885-08	136,719	ASSOCIATED UNIV-BROOKHAVEN NATL LAB DNA MISMATCH REPAIR IN TRANSFORMATION AND MUTAGENESIS	41
LANDY, ARTHUR	R01 AI 13544-09	271,897	BROWN UNIVERSITY MECHANISMS OF SITE-SPECIFIC RECOMBINATION	41
LINDAHL, LASSE A	R01 AI 15286-08	171,336	UNIVERSITY OF ROCHESTER COORDINATION OF E. COLI RIBOSOMAL PROTEIN SYNTHESIS	41
MC CARTHY, DAVID R	R01 AI 20367-02	78,225	UNIVERSITY OF OKLAHOMA NORMAN PATHWAYS OF DNA RECOMBINATION IN H INFLUENZAE	41
RICHARDSON, JOHN P	R01 AI 10142-15	114,919	INDIANA UNIVERSITY BLOOMINGTON FACTORS THAT CONTROL RNA TRANSCRIPTION	41
	8	1,282,447		
BERTRAND, KEVIN P	K04 AI 00470-05	41,880	UNIVERSITY OF CALIFORNIA IRVINE TRANSCRIPTIONAL CONTROL OF GENE EXPRESSION	41
CASADABAN, MALCOLM J	K04 AI 00468-05	52,751	UNIVERSITY OF CHICAGO GENE FUSION AND THE STUDY OF DNA TRANSPOSITION	41
	2	94,631		
			MICROBIAL BIOCHEMISTRY, PHYSIOLOGY AND GENETICS	
ABELSON, JOHN	R13 AI 23245-01	1,000	GORDON RESEARCH CONFERENCES 1985 GORDON RESEARCH CONFERENCE ON NUCLEIC ACIDS	41
ADLER, JULIUS	R01 AI 08746-17	141,294	UNIVERSITY OF WISCONSIN MADISON BEHAVIOR OF BACTERIA--BIOCHEMISTRY AND GENETICS	41
ANDERSON, JOHN S	R01 AI 08295-17	136,398	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL ENZYMOLOGY OF BACTERIAL CELL MEMBRANES	41

RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MICROBIAL BIOCHEMISTRY, PHYSIOLOGY AND GENETICS	
ANFINSEN, CHRISTIAN B	R01 AI 20417-03	130,335	JOHNS HOPKINS UNIVERSITY THE PHYSIOLOGICAL ROLE OF THIOREDOXIN	41
ARMITAGE, IAN M	R01 AI 20984-02	79,694	YALE UNIVERSITY PHYSICAL PROPERTIES OF LIPOPOLYSACCHARIDES	41
BALLOU, CLINTON E	R22 AI 12522-31	216,058	UNIVERSITY OF CALIFORNIA BERKELEY COMPLEX CARBOHYDRATES IN MYCOBACTERIUM SPECIES	41
BARRETT, ERICKA L	R01 AI 22685-01	114,909	UNIVERSITY OF CALIFORNIA DAVIS ANAEROBIC METABOLISM OF SALMONELLA TYPHIMURIUM	41
BASSFORD, PHILIP J, JR	R01 AI 17292-06	84,493	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL FACTORS DETERMINING PROTEIN LOCALIZATION IN E COLI	41
BENDER, ROBERT A	R01 AI 15822-06	124,691	UNIVERSITY OF MICHIGAN AT ANN ARBOR REGULATION OF MICROBIAL NITROGEN METABOLISM	41
BERG, CLAIRE M	R01 AI 19919-03	86,102	UNIVERSITY OF CONNECTICUT STORRS THE CONTROL OF ALANINE BIOSYNTHESIS IN BACTERIA	41
BERG, HOWARD C	R01 AI 16478-06	187,977	CALIFORNIA INSTITUTE OF TECHNOLOGY SENSORY TRANSDUCTION IN BACTERIAL CHEMOTAXIS	41
BLASCHEK, HANS P	R23 AI 22417-01	34,875	UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN TRANSORMATION OF CLOSTRIDIUM PERFRINGENS PROTOPLASTS	41
BRODY, STUART	R01 AI 20637-02	93,335	UNIVERSITY OF CALIFORNIA SAN DIEGO PROTEIN-BOUND PANTOTHENATE IN NEUROSPORA MITOCHONDRIA	41
BRUSILOW, WILLIAM S	R01 AI 20010-01A2	93,509	UNIVERSITY OF MARYLAND COLLEGE PK CAMPUS SYNTHESIS AND ASSEMBLY OF THE E COLI H+-ATPASE	41
BUCHANAN, CHRISTINE E	R01 AI 19829-03	72,951	SOUTHERN METHODIST UNIVERSITY THE PENICILLIN-BINDING PROTEINS OF BACILLUS SUBTILIS	41
CALVO, JOSEPH M	R01 AI 14340-08	174,809	CORNELL UNIVERSITY ITHACA REGULATION OF LEUCINE BIOSYNTHESIS IN BACTERIA	41
CAMPBELL, IAIN M	R01 AI 20243-02	64,376	UNIVERSITY OF PITTSBURGH THE BREVIANAMIDES	41

(*) = ACTIVE; NO FY 1985 FUNDS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MICROBIAL BIOCHEMISTRY, PHYSIOLOGY AND GENETICS	
CATLIN, B WESLEY	R01 AI 02353-28	114,489	MEDICAL COLLEGE OF WISCONSIN DEOXYRIBONUCLEIC ACIDS AND NUCLEASES OF BACTERIA	41
CIRILLO, VINCENT P	R01 AI 20621-02	114,049	STATE UNIVERSITY NEW YORK STONY BROOK REGULATION OF GLUCOSE TRANSPORT IN YEAST	41
CLARK, ALVIN J	R01 AI 05371-23	295,206	UNIVERSITY OF CALIFORNIA BERKELEY PHYSIOLOGY OF BACTERIAL CONJUGATION AND RECOMBINATION	41
CLEGG, STEVEN	R01 AI 19516-03	89,086	UNIVERSITY OF IOWA GENETIC/PHYSIOLOGIC REGULATION OF ENTEROBACTERIAL PILI	41
COHEN, PAUL S	R01 AI 16370-06	104,096	UNIVERSITY OF RHODE ISLAND MOLECULAR BASIS OF E COLI COLONIZATION	41
COLLIER, ROBERT J	R01 AI 22021-02	310,687	HARVARD UNIVERSITY MOLECULAR MECHANISMS OF BACTERIAL PATHOGENESIS	41
CRAIG, NANCY L	R01 AI 21533-02	122,494	UNIVERSITY OF CALIFORNIA SAN FRANCISCO TRANSPOSITION OF TN7	41
CRAWFORD, IRVING P	R01 AI 20279-03	104,556	UNIVERSITY OF IOWA REGULATORY BIOLOGY OF PSEUDOMONAS TRYPTOPHAN SYNTHASE	41
CRONAN, JOHN E, JR	R01 AI 15650-08	158,479	UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN GENETIC APPROACHES TO REGULATION OF LIPID METABOLISM	41
CROSA, JORGE H	R01 AI 19018-04	128,174	OREGON HEALTH SCIENCES UNIVERSITY IRON UPTAKE AS A VIRULENCE FACTOR IN PATHOGENIC VIBRIOS	41
DAHLQUIST, FREDERICK W	R01 AI 17808-05	125,453	UNIVERSITY OF OREGON MECHANISTIC STUDIES OF BACTERIAL CHEMOTAXIS	41
DRAKE, HAROLD L	R01 AI 21852-01	96,549	UNIVERSITY OF MISSISSIPPI NICKEL AND ACETOGENIC AUTOTROPHIC METABOLISM	41
DUBNAU, DAVID A	R01 AI 10311-15	189,054	PUBLIC HLTH RES INST OF THE CITY OF NY GENETIC RECOMBINATION IN BACILLUS SUBTILIS	41
EARHART, CHARLES F, JR	R01 AI 22203-01	117,718	UNIVERSITY OF TEXAS AUSTIN ENTEROBACTIN-MEDIATED TRANSMEMBRANE IRON PASSAGE	41

RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MICROBIAL BIOCHEMISTRY, PHYSIOLOGY AND GENETICS	
EISENSTEIN, BARRY I	R01 AI 19670-04	107,307	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT E. COLI FIMBRIAE: STRUCTURE-FUNCTION AND REGULATION	41
EMERY, THOMAS F	R01 AI 09580-13	82,975	UTAH STATE UNIVERSITY MECHANISMS OF MICROBIAL IRON TRANSPORT	41
ENGELMAN, DONALD M	R01 AI 20466-03	156,505	YALE UNIVERSITY NEUTRON DIFFRACTION STUDIES OF BIOLOGICAL STRUCTURE	41
ENSIGN, JERALD C	R01 AI 13948-08A1	106,341	UNIVERSITY OF WISCONSIN MADISON DEVELOPMENTAL BIOLOGY OF STREPTOMYCES	41
FRIEDMAN, DAVID I	R01 AI 11459-13	147,820	UNIVERSITY OF MICHIGAN AT ANN ARBOR HOST & VIRAL INFLUENCES ON PHAGE LAMBDA DEVELOPMENT	41
FUCHS, PHILIP L	R01 AI 13073-07	119,167	PURDUE UNIVERSITY WEST LAFAYETTE TOTAL SYNTHESIS OF CHIRAL (11) CYTOCHALASINS	41
GALAS, DAVID J	R01 AI 19036-04	176,839	UNIVERSITY OF SOUTHERN CALIFORNIA MOLECULAR MECHANISM OF DNA TRANSPOSITION	41
GEORGOPOULOS, CONSTANTINE P	R01 AI 21029-02	130,177	UNIVERSITY OF UTAH ANALYSIS OF THE HEAT SHOCK RESPONSE IN E. COLI	41
GOLDFINE, HOWARD	R01 AI 08903-18	181,133	UNIVERSITY OF PENNSYLVANIA STRUCTURE AND FUNCTION OF BACTERIAL LIPIDS	41
GROSS, CAROL A	R01 AI 19635-03	118,491	UNIVERSITY OF WISCONSIN MADISON MUTATIONAL ANALYSIS OF E. COLI CORE RNA POLYMERASE	41
GUSSIN, GARY N	R01 AI 17508-05	125,934	UNIVERSITY OF IOWA GENETIC AND BIOCHEMICAL ANALYSIS OF PROMOTER FUNCTION	41
HALL, BARRY G	R01 AI 14766-06	84,293	UNIVERSITY OF CONNECTICUT STORRS EXPERIMENTAL EVOLUTION OF LACTOSE UTILIZATION	41
HAROLD, FRANKLIN M	R01 AI 03568-22	112,162	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST TRANSPORT AND METABOLISM OF INORGANIC ELECTROLYTES	41
HARSHEY, RASIKA M	R01 AI 21194-02	113,216	SCRIPPS CLINIC AND RESEARCH FOUNDATION COLOR VARIATION IN SERRATIA MARCESCENS	41

(*) = ACTIVE; NO FY 1985 FUNDS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MICROBIAL BIOCHEMISTRY, PHYSIOLOGY AND GENETICS	
HEFFRON, FRED L	R01 AI 20978-02	123,275	SCRIPPS CLINIC AND RESEARCH FOUNDATION TN3 TRANSPOSITION IMMUNITY: A NEW GENETIC PHENOMENON	41
HENDRIX, ROGER W	R01 AI 12227-11	102,657	UNIVERSITY OF PITTSBURGH ASSEMBLY AND STRUCTURE OF BACTERIOPHAGE LAMBDA HEADS	41
HERSKOWITZ, IRA	R01 AI 18738-05	153,711	UNIVERSITY OF CALIFORNIA SAN FRANCISCO GENETIC CONTROL OF MATING IN YEAST	41
HIGGINS, MICHAEL L	R01 AI 10971-14	129,948	TEMPLE UNIVERSITY CELL DIVISION AND SURFACE GROWTH IN A "MODEL" SYSTEM	41
HOLMES, RANDALL K	R22 AI 14107-09	85,485	U.S. UNIFORMED SERVICES UNIV OF HLTH SCI CONTROL OF BACTERIAL TOXINS BY VIRUSES AND PLASMIDS	41
HOWE, MARTHA M	R01 AI 12731-10	150,363	UNIVERSITY OF WISCONSIN MADISON ANALYSIS OF INTEGRATION MECHANISM OF BACTERIOPHAGE MU	41
JACOBY, GEORGE A, JR	R01 AI 20415-02	97,541	MASSACHUSETTS GENERAL HOSPITAL MOLECULAR GENETICS OF PLASMID-DETERMINED BETA-LACTAMASES	41
KONISKY, JORDAN	R01 AI 10106-15	112,655	UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN INTERACTION OF COLICIN I WITH ESCHERICHIA COLI	41
KUBITSCHEK, HERBERT E	R01 AI 21954-01	98,627	UNIVERSITY OF CHICAGO GROWTH DURING THE CELL CYCLE	41
LARK, KARL G	R01 AI 10056-16	150,677	UNIVERSITY OF UTAH DNA REPLICATION AND RECOMBINATION IN E COLI AND PHAGE	41
LESTER, ROBERT L	R01 AI 20600-02	173,315	UNIVERSITY OF KENTUCKY BIOCHEMISTRY OF INOSITOL PHOSPHOLIPIDS IN FUNGI	41
LEVY, STUART B	R01 AI 20268-03	114,416	TUFTS UNIVERSITY COMPARTMENTALIZATION OF PLASMIDS IN ESCHERICHIA COLI	41
LOVETT, JAMES S	R01 AI 15437-06	0*	PURDUE UNIVERSITY WEST LAFAYETTE SYNTHESIS AND SECRETION OF EXTRACELLULAR GLYCOPROTEIN	41
LOVETT, PAUL S	R01 AI 21350-02	115,473	UNIVERSITY OF MARYLAND BALT CO CAMPUS REGULATION OF A PLASMID GENE IN BACILLUS SUBTILIS	41

(*) = ACTIVE; NO FY 1985 FUNDS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MICROBIAL BIOCHEMISTRY, PHYSIOLOGY AND GENETICS	
LOW, K BROOKS	R01 AI 20570-02	106,176	YALE UNIVERSITY DNA HELIX DESTABILIZING PROTEINS FROM E. COLI PLASMIDS	41
LUCKEY, MARY	R23 AI 20727-02	43,932	SAN FRANCISCO STATE UNIVERSITY TRANSPORT MECHANISM OF LAMB PROTEIN IN ESCHERICHIA COLI	41
MACNAB, ROBERT M	R01 AI 12202-12	163,357	YALE UNIVERSITY PRINCIPLES OF SENSORY RECEPTION AND MOTOR FUNCTION	41
MALAMY, MICHAEL H	R01 AI 15840-06	165,971	TUFTS UNIVERSITY FUNCTIONS OF THE PIF REGION OF THE F SEX FACTOR	41
MARKOVETZ, ALLEN J	R01 AI 13990-08	0*	UNIVERSITY OF IOWA INTESTINAL ANAEROBIC MICROFLORA OF AN INVERTEBRATE	41
MARKOVITZ, ALVIN	R01 AI 06966-20	172,113	UNIVERSITY OF CHICAGO CAPSULE SYNTHESIS, DIVISION, AND RADIATION SENSITIVITY	41
MARTIN, JOSEPH P, JR	R23 AI 19695-03	47,436	RICE UNIVERSITY OXYGEN FREE RADICAL PRODUCTION AND SCAVENGING IN E. COLI	41
MATHEWS, CHRISTOPHER K	R01 AI 15145-09	142,479	OREGON STATE UNIVERSITY ENZYMOLOGY OF NORMAL AND VIRUS-INFECTED BACTERIA	41
MATSUMURA, PHILIP	R01 AI 18985-04	159,914	UNIVERSITY OF ILLINOIS AT CHICAGO MOLECULAR BIOLOGY OF MOT AND CHE GENE PRODUCTS	41
MAURER, RUSSELL A	R01 AI 19942-03	103,558	CASE WESTERN RESERVE UNIVERSITY GENETICS OF DNA REPLICATION IN BACTERIA	41
MC CLAIN, WILLIAM H	R01 AI 10257-13A1	260,559	UNIVERSITY OF WISCONSIN MADISON GENETIC AND STATISTICAL ANALYSES OF TRNA	41
MILLER, CHARLES G	R01 AI 10333-14	158,448	CASE WESTERN RESERVE UNIVERSITY GENETICS AND BIOCHEMISTRY OF INTRACELLULAR PROTEOLYSIS	41
MOORE, PETER B	R01 AI 09167-17	172,631	YALE UNIVERSITY RIBOSOME STRUCTURE AND FUNCTION	41
MORAN, CHARLES P, JR	R01 AI 20319-03	92,843	EMORY UNIVERSITY ROLE OF RNA POLYMERASE IN BACTERIAL DIFFERENTIATION	41

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MICROBIAL BIOCHEMISTRY, PHYSIOLOGY AND GENETICS	
MORRISON, DONALD A	R01 AI 19875-02	123,859	UNIVERSITY OF ILLINOIS AT CHICAGO CHARACTERIZATION OF COMPETENCE GENES IN PNEUMOCOCCUS	41
MOYED, HARRIS S	R01 AI 20276-03	89,642	UNIVERSITY OF CALIFORNIA IRVINE GENETIC CONTROL OF PERSISTENCE	41
MULDROW, LYCURGUS L	R15 AI 23129-01	69,735	SPELMAN COLLEGE ANALYSIS OF EXTRACHROMOSOMAL DNA OF C. DIFFICILE	41
MURRAY, BARBARA E	R23 AI 19011-03	47,433	UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON GENETICS AND EPIDEMIOLOGY OF CFA/I PLASMIDS OF E. COLI	41
NEILANDS, JOHN B	R01 AI 04156-24	111,656	UNIVERSITY OF CALIFORNIA BERKELEY IRON METABOLISM OF MICROORGANISMS	41
NEUHAUS, FRANCIS C	R01 AI 04615-24	162,945	NORTHWESTERN UNIVERSITY BIOSYNTHESIS OF BACTERIAL CELL WALL COMPONENTS	41
NICHOLS, BRIAN P	R01 AI 18639-04	124,869	UNIVERSITY OF ILLINOIS AT CHICAGO CONSTRUCTION AND ANALYSIS OF TRP/PAB HYBRID GENES	41
O'BRIEN, THOMAS F	R01 AI 23474-01	124,952	BRIGHAM AND WOMEN'S HOSPITAL EPIDEMIOLOGY OF ANTIBIOTIC RESISTANCE PLASMIDS	41
OPELLA, STANLEY J	R01 AI 20770-01A1	126,632	UNIVERSITY OF PENNSYLVANIA NMR OF MEMBRANE BOUND PHAGE COAT PROTEINS	41
ORDAL, GEORGE W	R01 AI 20336-03	99,322	UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN GENETICS OF CHEMOTAXIS IN BACILLUS SUBTILIS	41
ORLOWSKI, MICHAEL E	R01 AI 19770-03	27,152	LOUISIANA STATE UNIV A&M COL BATON ROUGE POST-TRANSCRIPTIONAL REGULATION OF GENE EXPRESSION	41
ORNDORFF, PAUL E	R01 AI 22223-01	66,930	NORTH CAROLINA STATE UNIVERSITY RALEIGH CONTROL AND EXPRESSION OF TYPE 1 PILI IN E COLI	41
OSBORN, MARY J	R01 AI 08650-17	252,243	UNIVERSITY OF CONNECTICUT HEALTH CENTER BIOSYNTHESIS OF LIPOPOLYSACCHARIDE	41
PARK, JAMES T	R01 AI 05090-23	173,858	TUFTS UNIVERSITY CHEMISTRY AND BIOSYNTHESIS OF MICROBIAL CELL WALLS	41

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MICROBIAL BIOCHEMISTRY, PHYSIOLOGY AND GENETICS	
PERKINS, DAVID D	R01 AI 01462-30	301,128	STANFORD UNIVERSITY GENETICS OF NEUROSPORA	41
PIERINGER, RONALD A	R01 AI 05730-20	0*	TEMPLE UNIVERSITY BACTERIAL LIPID METABOLISM	41
PINON, RAMON, JR	R01 AI 20388-03	128,362	UNIVERSITY OF CALIFORNIA SAN DIEGO CHROMOSOMAL PHOSPHOPROTEINS AND GROWTH CONTROL IN YEAST	41
PIRRUNG, MICHAEL C	R01 AI 20485-03	85,007	STANFORD UNIVERSITY SYNTHESIS OF ANTITUMOR PENTALENOLACTONES	41
POSTLE, KATHLEEN	R01 AI 18472-04	133,035	UNIVERSITY OF CALIFORNIA IRVINE TONB: FOCAL PROTEIN FOR E. COLI IRON TRANSPORT	41
POTEETE, ANTHONY R	R01 AI 18234-05	146,354	UNIVERSITY OF MASSACHUSETTS MEDICAL SCH BACTERIOPHAGE P22 ESSENTIAL RECOMBINATION FUNCTION	41
PREISS, JACK	R01 AI 22835-01	217,317	MICHIGAN STATE UNIVERSITY REGULATION OF POLYSACCHARIDE SYNTHESIS	41
RAYMOND, KENNETH N	R01 AI 11744-11	0*	UNIVERSITY OF CALIFORNIA BERKELEY COORDINATION ISOMERS IN BIOLOGICAL IRON TRANSPORT	41
RICHARDSON, CHARLES C	R01 AI 06045-22	274,125	HARVARD UNIVERSITY STRUCTURE AND SYNTHESIS OF DNA	41
RICK, PAUL D	R01 AI 21309-02	64,413	U.S. UNIFORMED SERVICES UNIV OF HLTH SCI BIOSYNTHESIS OF ENTEROBACTERIAL COMMON ANTIGEN	41
ROSEN, BARRY P	R01 AI 19793-02	110,887	UNIVERSITY OF MARYLAND AT BALTIMORE THE ATP-COUPLED ARSENATE PUMP OF ESCHERICHIA COLI	41
ROTHFIELD, LAWRENCE I	R01 AI 22183-01	229,471	UNIVERSITY OF CONNECTICUT HEALTH CENTER STUDIES OF BACTERIAL CELL DIVISION	41
SADOFF, HAROLD L	R01 AI 01863-28	133,619	MICHIGAN STATE UNIVERSITY CELL DIFFERENTIATION OF PROCARYOTIC ORGANISMS	41
SAIER, MILTON H, JR	R01 AI 21702-01	143,630	UNIVERSITY OF CALIFORNIA SAN DIEGO ATP-DEPENDENT PROTEIN KINASES IN STREPTOCOCCI	41

(*) = ACTIVE; NO FY 1985 FUNDS

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MICROBIAL BIOCHEMISTRY, PHYSIOLOGY AND GENETICS	
SALYERS, ABIGAIL A	R01 AI 17876-05	104,701	UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN CATABOLISM OF POLYSACCHARIDES BY COLONIC BACTEROIDES	41
SARMA, RAGHUPATHY	R01 AI 19131-03	71,165	STATE UNIVERSITY NEW YORK STONY BROOK CRYSTAL STRUCTURE ANALYSIS OF DIPHTHERIA TOXIN	41
SAUER, ROBERT T	R01 AI 16892-06	163,264	MASSACHUSETTS INSTITUTE OF TECHNOLOGY REPRESSOR AND ANTIREPRESSOR PROTEINS OF BACTERIOPHAGE	41
SAVAGE, DWAYNE C	R01 AI 19518-03	67,904	UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN COLICIN V PLASMIDS AND INVASIVENESS OF ESCHERICHIA COLI	41
SELANDER, ROBERT K	R01 AI 22144-01	179,180	UNIVERSITY OF ROCHESTER MOLECULAR POPULATION GENETICS OF PATHOGENIC BACTERIA	41
SHUMAN, HOWARD A	R01 AI 19276-04	160,282	COLUMBIA UNIVERSITY NEW YORK ACTIVE TRANSPORT OF MALTOSE IN ESCHERICHIA COLI	41
SIMON, MELVIN I	R01 AI 19296-04	185,900	CALIFORNIA INSTITUTE OF TECHNOLOGY MECHANISMS OF MOTILITY/CHEMOTAXIS IN BACTERIA	41
SLONCZEWSKI, JOAN L	R15 AI 23138-01	71,869	KENYON COLLEGE GENETICS OF PH HOMEOSTASIS IN ESCHERICHIA COLI	41
SMITH, JOHN M	R01 AI 20068-03	72,786	LOUISIANA STATE UNIV MED CTR SHREVEPORT THE REGULATION OF PURINE BIOSYNTHESIS IN E COLI K12	41
SNELL, ESMOND E	R01 AI 13940-10	116,236	UNIVERSITY OF TEXAS AUSTIN NUTRITION AND METABOLISM OF MICROORGANISMS	41
SO, MAGDALENE H	R01 AI 20845-03	112,228	SCRIPPS CLINIC AND RESEARCH FOUNDATION GENETIC REGULATION OF PILUS EXPRESSION OF N GONORRHOEAE	41
STEVENS, AUDREY	R01 AI 20982-02	120,329	OAK RIDGE NATIONAL LABORATORY YEAST ENZYMES INVOLVED IN MRNA TURNOVER AND PROCESSING	41
STEWART, GEORGE C	R01 AI 21574-02	70,408	UNIVERSITY OF KANSAS LAWRENCE CHARACTERIZATION OF THE LACTOSE GENES FROM S. AUREUS	41
STOCK, JEFFRY B	R01 AI 20980-02	84,940	PRINCETON UNIVERSITY MECHANISMS OF SENSORY PROCESSING IN CHEMOTAXIS	41

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MICROBIAL BIOCHEMISTRY, PHYSIOLOGY AND GENETICS	
STRUCK, DOUGLAS K	R01 AI 19312-03	0*	TEXAS AGRI AND MECH UNIV COLLEGE STATION MEMBRANE PROTEIN INSERTION VIA VESICLE-CELL FUSION	41
SUMMERS, ANNE O	R01 AI 19221-04	144,812	UNIVERSITY OF GEORGIA BIODEGRADATION OF MERCURIAL ANTISEPTICS AND PESTICIDES	41
SUTTER, RICHARD P	R01 AI 21819-01	78,399	WEST VIRGINIA UNIVERSITY MUTATIONAL ANALYSIS OF SEXUAL DEVELOPMENT IN PHYCOMYCES	41
THOMAS, GEORGE J, JR	R01 AI 18758-05	160,720	SOUTHEASTERN MASSACHUSETTS UNIVERSITY HYDROGEN EXCHANGE AND INTERACTIONS OF NUCLEOTIDES	41
TIPPER, DONALD J	R01 AI 10806-11	0*	UNIVERSITY OF MASSACHUSETTS MEDICAL SCH STRUCTURE AND BIOSYNTHESIS OF BACTERIAL SPORE COMPONENTS	41
VARY, JAMES C	R01 AI 12678-09	68,220	UNIVERSITY OF ILLINOIS AT CHICAGO MECHANISM OF BACTERIAL SPORE GERMINATION	41
VILLA, VICENTE D	R01 AI 23478-01	47,199	SOUTHWESTERN UNIVERSITY CELL WALL POLYURONIDES AND MORPHOGENESIS IN MUCOR	41
WANG, PEI-ZHI	R23 AI 20472-03	55,846	PUBLIC HLTH RES INST OF THE CITY OF NY REGULATION OF PLASMID GENES IN STAPHYLOCOCCUS AUREUS	41
WESTBROOK, EDWIN M	R01 AI 21695-01	93,418	UNIVERSITY OF CHICAGO CRYSTALLOGRAPHIC STUDIES OF NEUTROPHIL CATIONIC PROTEINS	41
WITKIN, EVELYN M	R01 AI 10778-14	162,331	RUTGERS THE STATE UNIV NEW BRUNSWICK REGULATION OF SOS FUNCTIONS IN ESCHERICHIA COLI	41
WOLFE, RALPH S	R01 AI 12277-12	100,097	UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN NEW MICROBIAL VITAMIN - COENZYME RELATIONSHIPS	41
WOLIN, MEYER J	R01 AI 20244-02	92,349	NEW YORK STATE DEPT OF HEALTH MICROBIOLOGY AND PHYSIOLOGY OF METHANOGENESIS	41
WRIGHT, HARLAN T	R01 AI 17992-06	126,355	VIRGINIA COMMONWEALTH UNIVERSITY STRUCTURE AND INTERACTION OF PROTEINS WITH MEMBRANES	41
WU, HENRY C	R13 AI 22034-01	4,000	GORDON RESEARCH CONFERENCES GORDON RESEARCH CONFERENCE ON BACTERIAL CELL SURFACES	41

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MICROBIAL BIOCHEMISTRY, PHYSIOLOGY AND GENETICS	
YOUNG, RYLAND F	R01 AI 16726-06	52,734	TEXAS AGRI AND MECH UNIV COLLEGE STATION TRANSPOSABLE ANTIBIOTIC RESISTANCE IN BACTERIA	41
ZABIN, IRVING	R01 AI 04181-24	187,767	UNIVERSITY OF CALIFORNIA LOS ANGELES STUDIES OF AN INDUCIBLE BACTERIAL ENZYME	41
	131	15,590,831		
COX, MICHAEL M	K04 AI 00599-02	46,896	UNIVERSITY OF WISCONSIN MADISON BIOCHEMISTRY OF GENETIC RECOMBINATION	41
EISENSTEIN, BARRY I	K04 AI 00557-04	49,318	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT E COLI FIMBRIAE: STRUCTURE-FUNCTION AND REGULATION	41
GROSS, CAROL A	K04 AI 00573-02	50,862	UNIVERSITY OF WISCONSIN MADISON A MUTATIONAL ANALYSIS OF E COLI RNA POLYMERASE	41
LINDAHL, LASSE A	K04 AI 00542-03	54,505	UNIVERSITY OF ROCHESTER RIBOSOMAL PROTEIN SYNTHESIS IN E. COLI	41
MORGAN, EDWARD A	K04 AI 00702-03	54,480	NEW YORK STATE DEPT OF HEALTH GENETICS AND REGULATION OF R RNA GENES OF E COLI	41
POTEETE, ANTHONY R	K04 AI 00689-01	53,590	UNIVERSITY OF MASSACHUSETTS MEDICAL SCH BACTERIOPHAGE P22 ESSENTIAL RECOMBINATION FUNCTION	41
TALLY, FRANCIS P	K04 AI 00393-05	38,556	NEW ENGLAND MEDICAL CENTER HOSPITALS,INC PATHOGENIC DETERMINANTS OF BACTEROIDES FRAGILIS	41
VAN VUNAKIS, HELEN	K06 AI 02372-23	34,009	BRANDEIS UNIVERSITY STRUCTURE & ACTIVITY OF BIOLOGICALLY IMPORTANT MOLECULES	41
	8	382,216		
			ANTIMICROBIAL THERAPY	
ARTHUR, WILLIAM D III	R43 AI 22348-01	44,400	MEDFUSION SYSTEMS, INC. DEVELOPMENT OF IMPROVED METHOD FOR DRUG DELIVERY	30
	1	44,400		

(*) = ACTIVE; NO FY 1985 FUNDS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			RAPID VIRAL DIAGNOSIS	
DOUGLAS, WILLARD L	R43 AI 22321-01	50,000	INNOVATIVE TECHNOLOGY, INC. ENZYME CYCLING LIGAND REPLACEMENT ASSAY FOR VIRUSES	63
SHRAWDER, ELSIE J	R44 AI 21212-02	297,975	MOLECULAR BIOSYSTEMS, INC SYNTHETIC HYBRIDIZATION PROBES FOR HERPES SIMPLEX VIRUS	63
SWANSON, MELVIN J	R43 AI 22329-01	50,000	BIO-METRIC SYSTEMS, INC. ULTRASENSITIVE ENZYME IMMUNOASSAY FOR VIRUSES	63
	3	397,975		
			SPIROCHETES	
BAGASRA, ABA U	R01 AI 19332-02	113,024	HAHNEMANN UNIVERSITY IMMUNOBIOLOGY OF EXPERIMENTAL SYPHILIS	30
BARTLETT, JOHN G	R01 AI 21516-02	234,946	JOHNS HOPKINS UNIVERSITY ENTERIC DISEASES IN A POPULATION AT RISK FOR AIDS	72
BASEMAN, JOEL B	R01 AI 19566-02	138,203	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT BIOLOGY OF TREPONEMA PALLIDUM AND SYPHILIS	30
BASEMAN, JOEL B	P01 AI 22380-01	246,167	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT PROGRAM ON SEXUALLY TRANSMITTED DISEASES	30
BASSFORD, PHILIP J, JR	R01 AI 19267-04	129,918	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL IDENTIFICATION AND CLONING OF KEY T PALLIDUM PROTEINS	30
COX, C D	R01 AI 10982-13	128,655	UNIVERSITY OF MASSACHUSETTS AMHERST CULTIVATION OF VIRULENT TREPONEMA PALLIDUM	30
COX, DAVID L	R01 AI 23595-01	159,606	TEXAS COLLEGE OF OSTEOPATHIC MEDICINE TISSUE CULTURE/GENETIC STUDIES OF TREPONEMA PALLIDUM	30
FITZGERALD, THOMAS J	R01 AI 16585-06	85,658	UNIVERSITY OF MINNESOTA AT DULUTH TREPONEMA PALLIDUM: PATHOGENESIS AND IMMUNE RESPONSES	30
JOHNSON, RUSSELL C	R01 AI 18153-04	101,105	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL RELAPSING FEVER BORRELIA: BIOLOGY & SEROLOGIC DETECTION	30

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RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			SPIROCHETES	
LANE, ROBERT S	R01 AI 22501-01	95,499	UNIVERSITY OF CALIFORNIA BERKELEY LYME DISEASE IN WESTERN USA: ECOLOGY AND EPIDEMIOLOGY	70
LOVETT, MICHAEL A	R01 AI 21352-02	117,495	UNIVERSITY OF CALIFORNIA LOS ANGELES BIOLOGICAL SIGNIFICANCE OF T. PALLIDUM SURFACE ANTIGENS	30
LUKEHART, SHEILA A	R01 AI 18988-02	115,497	UNIVERSITY OF WASHINGTON IMMUNOGENS OF T PALLIDUM: IDENTIFICATION AND FUNCTION	30
NORGARD, MICHAEL V	R01 AI 17366-03	88,400	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS ANTIGENS OF TREPONEMA PALLIDUM	30
PAVIA, CHARLES S	R01 AI 19824-03	102,700	TRUDEAU INSTITUTE, INC. MECHANISMS OF IMMUNITY TO TREPONEMA PALLIDUM INFECTION	30
SCHELL, RONALD F	R01 AI 22199-02	215,245	UNIVERSITY OF WISCONSIN MADISON SPECIFIC IMMUNE REACTIVITY TO TREPONEMAL INFECTION	30
SELL, STEWART	R01 AI 19810-03	0*	UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON IMMUNITY TO SYPHILIS	30
WICHER, KONRAD J	R01 AI 21833-01	110,719	NEW YORK STATE DEPT OF HEALTH EXPERIMENTAL SYPHILIS: GUINEA PIG MODEL	30
	17	2,182,837		
			GRAM NEGATIVE AEROBIC RODS	
ALEXANDER, J WESLEY	R01 AI 12936-09	399,723	UNIVERSITY OF CINCINNATI HOST DEFENSE MECHANISM: CONTROL OF SURGICAL INFECTION	30
CHAKRABARTY, ANANDA M	R01 AI 16790-06	88,541	UNIVERSITY OF ILLINOIS AT CHICAGO PSEUDOMONAS INFECTION IN CYSTIC FIBROSIS	30
COX, CHARLES D, JR	R01 AI 13120-09	89,643	UNIVERSITY OF IOWA SIDEROPHORES AND VIRULENCE OF PSEUDOMONAS AERUGINOSA	30
EATON, JOHN W	R01 AI 18823-03	69,203	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL BIOLOGIC EFFECTS OF PERTUSSIS ADENYLATE CYCLASE	54

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RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			GRAM NEGATIVE AEROBIC RODS	
EISENSTEIN, BARRY I	R01 AI 21803-01	90,743	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT MOLECULAR IMMUNOPATHOGENESIS OF LEGIONELLA PROTEINS	30
EISENSTEIN, TOBY K	R01 AI 16804-04A1	117,634	TEMPLE UNIVERSITY HOST DEFENSES TO LEGIONELLA PNEUMOPHILA	30
ELLIOTT, JOHN A	R23 AI 21368-02	53,604	UNIVERSITY OF VERMONT & ST AGRIC COLLEGE MECHANISMS OF INTRACELLULAR SURVIVAL OF LEGIONELLA	30
FRIEDMAN, HERMAN	R01 AI 16618-04A1	172,665	UNIVERSITY OF SOUTH FLORIDA LEGIONNAIRE'S DISEASE: CELL MEDIATED IMMUNITY	30
GOLDMAN, WILLIAM E	R01 AI 22243-01	129,845	WASHINGTON UNIVERSITY BORDETELLA PERTUSSIS TRACHEAL CYTOTOXIN	54
HEWLETT, ERIK L	R01 AI 18000-04A2	176,306	UNIVERSITY OF VIRGINIA CHARLOTTESVILLE BORDETELLA CYCLASE: STRUCTURE AND BIOLOGICAL ACTIVITY	54
HORWITZ, MARCUS A	R01 AI 22421-01	146,978	UNIVERSITY OF CALIFORNIA LOS ANGELES IMMUNE RESPONSES TO AN INTRACELLULAR PULMONARY PATHOGEN	30
HOUSTON, CLIFFORD W	R23 AI 21075-02	50,200	UNIVERSITY OF TEXAS MED BR GALVESTON A NEW TOXIC VIRULENCE FACTOR OF AEROMONAS HYDROPHILA	30
IGLEWSKI, BARBARA H	R01 AI 14671-08	131,736	OREGON HEALTH SCIENCES UNIVERSITY THE ROLE OF PSEUDOMONAS AERUGINOSA TOXIN A	30
IGLEWSKI, BARBARA H	R01 AI 21310-02	142,983	OREGON HEALTH SCIENCES UNIVERSITY PSEUDOMONAS AERUGINOSA ELASTASE	30
JOHNSON, WILLIAM	R01 AI 15807-06	0*	UNIVERSITY OF IOWA LEGIONNAIRES' DISEASE BACTERIUM	30
LORY, STEPHEN	R01 AI 21451-02	100,433	UNIVERSITY OF WASHINGTON STUDIES OF P. AERUGINOSA VIRULENCE DETERMINANTS	30
MARKHAM, RICHARD B	R01 AI 22456-01	102,638	JEWISH HOSPITAL OF ST. LOUIS T CELL KILLING OF EXTRACELLULAR BACTERIA	30
MC KAY, DAVID B	R01 AI 19762-04	137,574	UNIVERSITY OF COLORADO AT BOULDER STRUCTURAL STUDIES OF MOLECULAR PATHOGENESIS	30

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BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			GRAM NEGATIVE AEROBIC RODS	
MILLER, RICHARD D	R01 AI 22139-01	84,929	UNIVERSITY OF LOUISVILLE PATHOGENESIS OF LEGIONELLOSIS: ROLE OF BACTERIAL TOXINS	30
MILLER, RICHARD D	R01 AI 23567-01	69,777	UNIVERSITY OF LOUISVILLE CELL SURFACE PHYSIOLOGY OF LEGIONELLA PNEUMOPHILA	30
MISFELDT, MICHAEL L	R01 AI 19359-03	68,288	UNIVERSITY OF MISSOURI COLUMBIA PSEUDOMONAS AERUGINOSA INDUCED IMMUNOMODULATION	30
OHMAN, DENNIS E	R01 AI 19146-04	143,333	UNIVERSITY OF CALIFORNIA BERKELEY GENETICS OF ALGINATE BIOSYNTHESIS IN P. AERUGINOSA	30
PARKER, CHARLOTTE D	R01 AI 17682-05	120,422	UNIVERSITY OF MISSOURI COLUMBIA NEW APPROACHES TO PERTUSSIS VACCINE	54
PASCULLE, A WILLIAM	RC1 AI 17047-04A2	172,924	UNIVERSITY OF PITTSBURGH PATHOBIOLOGY OF LEGIONELLA MICDADEI	30
PENNINGTON, JAMES E	R01 AI 22534-01	117,672	BRIGHAM AND WOMEN'S HOSPITAL PSEUDOMONAS VACCINES FOR RESPIRATORY IMMUNITY	30
PIER, GERALD B	R01 AI 18465-03	0*	BRIGHAM AND WOMEN'S HOSPITAL IMMUNOCHEMICAL STUDY OF P. AERUGINOSA MUCOID ANTIGENS	30
PIER, GERALD B	R01 AI 22535-01	138,857	BRIGHAM AND WOMEN'S HOSPITAL A POLYSACCHARIDE VACCINE TO PSEUDOMONAS AERUGINOSA	30
SAELINGER, CATHARINE B	R01 AI 17529-05	138,196	UNIVERSITY OF CINCINNATI BASIS FOR CELLULAR SUSCEPTIBILITY TO BACTERIAL TOXINS	30
SORENSEN, RICARDO U	R01 AI 19970-02	105,338	CASE WESTERN RESERVE UNIVERSITY CYSTIC FIBROSIS LUNG IMMUNITY AND PSEUDOMONAS INFECTION	30
STEINMAN, LAWRENCE	R01 AI 22462-01	197,155	STANFORD UNIVERSITY BORDETELLA PERTUSSIS VACCINE ENCEPHALOPATHY	54
VASIL, MICHAEL L	R01 AI 15940-06	105,148	UNIVERSITY OF COLORADO HLTH SCIENCES CTR GENETICS VIRULENCE IN PSEUDOMONAS AERUGINOSA	30
WINN, WASHINGTON C, JR	R01 AI 20365-03	167,128	UNIVERSITY OF VERMONT & ST AGRIC COLLEGE HOST DEFENSE MECHANISMS IN LEGIONELLA PNEUMONIA	30

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BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			GRAM NEGATIVE AEROBIC RODS	
ZIEGLER, ELIZABETH	R01 AI 10108-15	210,165	UNIVERSITY OF CALIFORNIA SAN DIEGO LETHAL BACTEREMIA	30
	33	4,039,781		
MC KAY, DAVID B	K04 AI 00631-02	46,080	UNIVERSITY OF COLORADO AT BOULDER STRUCTURE OF PSEUDOMONAS TOXIN AND T4 GENE 32 PROTEIN	30
	1	46,080		
			GRAM NEGATIVE FACULTATIVE RODS	
ANDERSON, PORTER W	R01 AI 17938-05	133,480	UNIVERSITY OF ROCHESTER H INFLUENZAE B & S PNEUMONIAE CARBOHYDRATE VACCINES	54
APICELLA, MICHAEL A	R01 AI 19641-03	49,338	STATE UNIVERSITY OF NEW YORK AT BUFFALO PATHOGENESIS OF NONENCAPSULATED HAEMOPHILUS INFLUENZAE	54
BERRY, L JOE	R01 AI 18425-03	110,424	UNIVERSITY OF TEXAS AUSTIN PATHOGENESIS OF CAMPYLOBACTER FETUS (JEJUNI) INFECTIONS	64
BRAMUCCI, MICHAEL G	R22 AI 21265-01	83,853	HAHNEMANN UNIVERSITY ROLE OF ENTEROTOXIN IN SALMONELLA PATHOGENESIS	64
BRUBAKER, ROBERT R	R01 AI 13590-08	135,243	MICHIGAN STATE UNIVERSITY IRON DEPENDENT ENHACEMENT OF VIRULENCE IN YERSINIAE	30
BRUBAKER, ROBERT R	R01 AI 19353-03	124,311	MICHIGAN STATE UNIVERSITY CA2+ AND THE VWA+ FACTOR OF VIRULENT YERSINIAE	30
BURKE, JOHN P	R01 AI 15655-06	87,925	LDS HOSPITAL CONTROL OF HOSPITAL-ACQUIRED URINARY TRACT INFECTIONS	30
CABELLO, FELIPE C	R01 AI 22613-01	139,255	NEW YORK MEDICAL COLLEGE PLASMID COLV: MOLECULAR & IMMUNOLOGICAL STUDIES	30
COLWELL, RITA R	R22 AI 14242-07A2	82,739	UNIVERSITY OF MARYLAND COLLEGE PK CAMPUS ECOLOGY OF VIBRIO CHOLERAE AND RELATED VIBRIOS	64

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RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			GRAM NEGATIVE FACULTATIVE RODS	
DONOHUE-ROLFE, ARTHUR M	R01 AI 20325-02	92,966	TUFTS UNIVERSITY SHIGELLA TOXIN: STRUCTURE AND FUNCTION RELATIONSHIPS	64
DONTA, SAM T	R22 AI 21311-02	102,362	UNIVERSITY OF CONNECTICUT HEALTH CENTER MODULATION OF RECEPTOR-MEDIATED RESPONSES TO ENTEROTOXIN	64
EISENSTEIN, TOBY K	R01 AI 15613-06A1	147,655	TEMPLE UNIVERSITY IMMUNITY TO SALMONELLA INFECTION	30
FALKOW, STANLEY	R01 AI 18719-05	183,848	STANFORD UNIVERSITY VIRULENCE DETERMINANTS OF ESCHERICHIA COLI	30
FINKELSTEIN, RICHARD A	R22 AI 16776-07	140,869	UNIVERSITY OF MISSOURI COLUMBIA ESCHERICHIA COLI DIARRHEAGENIC ENTEROTOXIN(S)	64
FINKELSTEIN, RICHARD A	R22 AI 17312-06	126,186	UNIVERSITY OF MISSOURI COLUMBIA CHOLERA: PATHOGENESIS AND IMMUNOLOGY	64
GILL, D MICHAEL	R22 AI 16928-07	183,148	TUFTS UNIVERSITY MECHANISM OF ACTION OF CHOLERA TOXIN	64
GILSDORF, JANET R	R23 AI 20934-01A1	56,250	UNIVERSITY OF MICHIGAN AT ANN ARBOR MUCOSAL IMMUNE FACTORS AGAINST H. INFLUENZAE, TYPE B	54
GOLDMANN, DONALD A	R01 AI 21024-02	92,231	CHILDREN'S HOSPITAL (BOSTON) PREVENTION OF NEONATAL BACTEREMIA WITH PILUS VACCINE	30
GRANOFF, DAN M	R01 AI 17572-05	148,640	WASHINGTON UNIVERSITY OUTER MEMBRANE PROTEINS OF HAEMOPHILUS INFLUENZAE TYPE B	54
GRANOFF, DAN M	R01 AI 17962-04A1	155,351	WASHINGTON UNIVERSITY GENETIC CONTROL OF ANTIBODY RESPONSES TO POLYSACCHARIDES	54
GUENTZEL, M NEAL	R22 AI 20395-03	107,741	UNIVERSITY OF TEXAS SAN ANTONIO PATHOGENIC VIBRIO--INTESTINAL MUCOSAL INTERACTIONS	64
HANSEN, ERIC J	R01 AI 17621-05	108,342	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS OUTER MEMBRANE PROTEINS OF HAEMOPHILUS INFLUENZAE	54
HSU, HSIU-SHENG	R01 AI 19434-01A2	0*	VIRGINIA COMMONWEALTH UNIVERSITY LOCATION OF BACTERIAL PROLIFERATION IN SALMONELLOSIS	30

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RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			GRAM NEGATIVE FACULTATIVE RODS	
HULL, RICHARD A	R01 AI 18462-04A1	94,400	BAYLOR COLLEGE OF MEDICINE VIRULENCE FACTORS OF UROPATHOGENIC ENTEROBACTERIACEAE	30
HULL, SHEILA I	R01 AI 21009-02	70,815	BAYLOR COLLEGE OF MEDICINE GENETIC DISSECTION AND RECONSTRUCTION OF A UROPATHOGEN	30
HURST, JAMES K	R01 AI 15834-06	113,083	OREGON GRADUATE CTR STUDY AND RESEARCH MOLECULAR BASIS FOR MICROBICIDAL ACTION IN LEUKOCYTES	30
INSEL, RICHARD A	R01 AI 17217-05	148,402	UNIVERSITY OF ROCHESTER ANTIBODY TO H. INFLUENZAE CAPSULAR POLYSACCHARIDE	54
JONES, GARTH W	R01 AI 19647-01A2	124,271	UNIVERSITY OF MICHIGAN AT ANN ARBOR MOLECULAR STUDIES ON S TYPHIMURIUM ADHESIN	30
KAPER, JAMES B	R01 AI 19165-04	119,659	UNIVERSITY OF MARYLAND AT BALTIMORE MOLECULAR GENETICS OF VIBRIO PARAHAEMOLYTICUS HEMOLYSIN	64
KAPER, JAMES B	R22 AI 19716-03	151,663	UNIVERSITY OF MARYLAND AT BALTIMORE DEVELOPMENT OF A LIVE ORAL CHOLERA VACCINE	64
KEUSCH, GERALD T	R01 AI 16242-05A1	150,506	TUFTS UNIVERSITY SHIGELLA EXOTOXIN: CELL RECEPTOR AND MODE OF ACTION	64
KREGER, ARNOLD S	R01 AI 18184-04	0*	WAKE FOREST UNIVERSITY TOXINS OF VIBRIO VULNIFICUS	30
KUPERSZTOCH, YANKEL M	R22 AI 21698-01	161,373	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS EXPORT REGULATION OF ESCHERICHIA COLI ST ENTEROTOXIN	64
LEE, CHAO-HUNG	R01 AI 21428-02	86,003	INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS DISSEMINATION OF BACTERIAL ENTEROTOXIN GENES	64
LOEB, MARILYN R	R01 AI 14411-07A1	145,797	UNIVERSITY OF ROCHESTER PATHOGENIC ROLE OF H. INFLUENZAE SURFACE PROTEINS	54
LUCAS, ALEXANDER	R23 AI 20230-03	51,241	UNIVERSITY OF CALIFORNIA SAN DIEGO HUMAN ANTIBODY TO POLYRIBOSYLRIBITOLPHOSPHATE	54
MATHISON, JOHN C	R23 AI 19965-03	58,509	SCRIPPS CLINIC AND RESEARCH FOUNDATION PATHOBIOLOGIC MECHANISMS OF LPS-INDUCED INJURY	30

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RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			GRAM NEGATIVE FACULTATIVE RODS	
MC CALLUM, RODERICK E	R01 AI 20322-02	45,051	UNIVERSITY OF OKLAHOMA HLTH SCIENCES CTR STEROID ACTION IN BACTERIAL ENDOTOXIC SHOCK	30
MC FETERS, GORDON A	R01 AI 19089-03	80,083	MONTANA STATE UNIVERSITY AQUATIC EXPOSURE/DISINFECTION EFFECT/VIRULENCE/ENTERIC	64
MEKALANOS, JOHN J	R22 AI 18045-05	191,869	HARVARD UNIVERSITY GENETIC ANALYSIS OF TOXINOGENESIS IN VIBRIO CHOLERAE	64
MENDELMAN, PAUL M	R23 AI 21806-01	46,497	CHILDREN'S ORTHOPEDIC HOSPITAL-MED CTR CELL WALL BIOLOGY OF H. INFLUENZAE	54
METCALF, ELEANOR S	R01 AI 22436-01	107,361	U.S. UNIFORMED SERVICES UNIV OF HLTH SCI INFLUENCE OF THE HOST ENVIRONMENT OF B CELL EXPRESSION	30
MUNFORD, ROBERT S	R01 AI 18188-05	173,780	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS INTERACTIONS OF ENDOTOXIN WITH HUMAN PLASMA AND CELLS	30
MURPHY, JOHN R	R22 AI 22661-01	101,946	UNIVERSITY HOSPITAL (BOSTON) MOLECULAR GENETICS OF VIBRO CHOLERAE HEMOLYSIN	64
O'BRIEN, ALISON D	R01 AI 17754-05	92,462	U.S. UNIFORMED SERVICES UNIV OF HLTH SCI MECHANISMS OF NATURAL RESISTANCE TO MURINE TYPHOID	30
O'BRIEN, ALISON D	R22 AI 20148-03	69,495	U.S. UNIFORMED SERVICES UNIV OF HLTH SCI SHIGA LIKE TOXIN OF ESCHERICHIA COLI	64
PAYNE, SHELLEY M	R01 AI 16935-05	110,726	UNIVERSITY OF TEXAS AUSTIN IRON TRANSPORT AND VIRULENCE IN SHIGELLA	30
PETERSON, JOHNNY W	R01 AI 18401-04	117,228	UNIVERSITY OF TEXAS MED BR GALVESTON VIRULENCE FACTORS IN THE PATHOGENESIS OF SALMONELLOSIS	30
PETERSON, JOHNNY W	R01 AI 21463-01A1	105,475	UNIVERSITY OF TEXAS MED BR GALVESTON ADENYLATE CYCLASE-ACTIVATING ENTEROTOXINS	64
RICHARDSON, STEPHEN H	R01 AI 17840-03	80,366	WAKE FOREST UNIVERSITY VIRULENCE FACTORS OF HALOPHILIC ENTERIC PATHOGENS	64
RICHARDSON, STEPHEN H	R22 AI 20205-02	96,835	WAKE FOREST UNIVERSITY H-2 GENE-MODULATED CHOLERA ENTEROTOXIN RESPONSE	64

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			GRAM NEGATIVE FACULTATIVE RODS	
ROBERTSON, DONALD C	R22 AI 12357-11	119,181	UNIVERSITY OF KANSAS LAWRENCE PATHOGENICITY OF ENTEROTOXIGENIC ESCHERICHIA COLI	64
ROMIG, WILLIAM R	R22 AI 08024-16	98,699	UNIVERSITY OF CALIFORNIA LOS ANGELES GENETIC STUDIES ON VIBRIO CHOLERAE	64
SACK, RICHARD B	P01 AI 20130-02	449,547	JOHNS HOPKINS UNIVERSITY INTERNATIONAL COLLABORATION IN INFECTIOUS DISEASES	90
SANTOSHAM, MATHURAM	R01 AI 20738-02	270,981	JOHNS HOPKINS UNIVERSITY PROPHYLAXIS OF H. INFLUENZAE AND OTHER INFECTIONS	54
SCHAEFFER, ANTHONY J	R01 AI 16014-04A1	99,179	NORTHWESTERN UNIVERSITY BACTERIAL ADHERENCE IN URINARY INFECTIONS	30
SCHELD, W MICHAEL	R01 AI 17904-01A4	133,815	UNIVERSITY OF VIRGINIA CHARLOTTESVILLE PATHOGENESIS AND PATHOPHYSIOLOGY OF BACTERIAL MENINGITIS	54
SCIORTINO, CARMEN V JR	R22 AI 23268-01	67,219	MEDICAL UNIVERSITY OF SOUTH CAROLINA MONOCLONAL ANTIBODIES TO V CHOLERAE VIRULENCE ANTIGENS	64
SHACKELFORD, PENELOPE G	R01 AI 19350-04	129,015	WASHINGTON UNIVERSITY SUBCLASS RESPONSE TO POLYSACCHARIDE ANTIGENS IN CHILDREN	54
SHIPLEY, PATRICIA L	R22 AI 19865-03	84,721	VIRGINIA COMMONWEALTH UNIVERSITY COLONIZATION FACTORS OF ENTEROTOXIGENIC E. COLI	64
SIBER, GEORGE R	R01 AI 18125-05	157,058	DANA-FARBER CANCER INSTITUTE PREPARATION OF BACTERIAL POLYSACCHARIDE IMMUNE GLOBULIN	54
SMITH, ARNOLD L	R01 AI 20625-01A2	92,719	CHILDREN'S ORTHOPEDIC HOSPITAL-MED CTR H INFLUENZAE SURFACE FIBRILS: PATHOGENIC ROLE	54
SPIEGEL, CAROL ANN	R23 AI 22290-02	46,906	UNIVERSITY OF WISCONSIN MADISON MICROBIOLOGY AND PATHOGENESIS OF BACTERIAL VAGINOSIS	30
SPITZNAGEL, JOHN K	R01 AI 17662-05	0*	EMORY UNIVERSITY METABOLIC ASPECTS OF BACTERIAL ECOLOGY IN HOST TISSUE	30
STOCKER, BRUCE A	R01 AI 18872-02	177,308	STANFORD UNIVERSITY AUXOTROPHY AND VIRULENCE	64

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			GRAM NEGATIVE FACULTATIVE RODS	
STRALEY, SUSAN C	R01 AI 21017-02	0*	UNIVERSITY OF KENTUCKY PLASMID PVW-ENCODED VIRULENCE DETERMINANTS IN PLAGUE	30
THOMPSON, MICHAEL R	R22 AI 20261-03	111,679	UNIVERSITY OF CINCINNATI E. COLI/Y. ENTEROCOLITICA STABLE TOXINS AND RECEPTORS	64
THORNE, GRACE M	R22 AI 15871-06	0*	NEW ENGLAND MEDICAL CENTER HOSPITALS,INC VIRULENCE FACTORS OF E. COLI DIARRHEAGENIC FOR MAN	64
ULEVITCH, RICHARD J	R01 AI 15136-07	278,143	SCRIPPS CLINIC AND RESEARCH FOUNDATION THE MOLECULAR PATHOLOGY OF LPS-INDUCED INJURY	30
WARD, JOEL I	R01 AI 19340-03	0*	LOS ANGELES COUNTY HARBOR-UCLA MED CTR HEMOPHILUS INFLUENZAE TYPE B DISEASE IN ALASKAN ESKIMOS	54
WELCH, RODNEY A	R01 AI 20323-03	49,471	UNIVERSITY OF WISCONSIN MADISON GENETICS AND PATHOGENICITY OF E. COLI HEMOLYSIN	30
WRIGHT, ANDREW	R01 AI 20337-03	146,671	TUFTS UNIVERSITY GENETICS OF IGA PROTEASES OF HEMOPHILUS INFLUENZAE	54
ZALEZNIK, DORI F	R23 AI 22533-01	69,308	BRIGHAM AND WOMEN'S HOSPITAL CELLULAR IMMUNE MECHANISMS IN GRAM-NEGATIVE SEPSIS	30
	73	8,068,673		
			GRAM NEGATIVE ANAEROBIC RODS	
BJORNSON, ANN B	R01 AI 23475-03	103,971	JAMES N. GAMBLE INSTITUTE OF MEDICAL RES HUMORAL FACTORS OF HOST DEFENSE AGANIST BACTERIODS	30
CANALE-PAROLA, ERCOLE	R01 AI 20620-02	90,243	UNIVERSITY OF MASSACHUSETTS AMHERST PECTIN METABOLISM BY HUMAN INTESTINAL BACTERIA	30
GREGORY, EUGENE M	R01 AI 15250-06	0*	VIRGINIA POLYTECHNIC INST AND ST UNIV SUPEROXIDE DISMUTASE AND CATALASE IN B FRAGILIS	30
KASPER, DENNIS L	R01 AI 18796-03	0*	BRIGHAM AND WOMEN'S HOSPITAL BACTEROIDES FRAGILIS: PATHOGENIC MECHANISMS & IMMUNITY	30

(*) = ACTIVE; NO FY 1985 FUNDS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			GRAM NEGATIVE ANAEROBIC RODS	
SIMMONS, RICHARD L	R01 AI 21475-01	153,608	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL SYNERGISM IN SURGICAL SEPSIS: B. FRAGILIS AND E. COLI	30
	5	347,822		
			GRAM NEGATIVE COCCI (NEISSERIACEAE)	
APICELLA, MICHAEL A	R01 AI 18384-05	143,016	STATE UNIVERSITY OF NEW YORK AT BUFFALO LIPOPOLYSACCHARIDES OF N GONORRHOEAE	30
BLAKE, MILAN S	R01 AI 18637-04	114,325	ROCKEFELLER UNIVERSITY THE FUNCTIONAL ROLE OF THE MAJOR OUTER MEMBRANE PROTEIN	30
BROOKS, GEORGE F	R01 AI 15642-07	136,994	UNIVERSITY OF CALIFORNIA SAN FRANCISCO HUMAN IMMUNE RESPONSES TO N GONORRHOEAE INFECTIONS	30
BROOKS, GEORGE F	P01 AI 21912-02	494,884	UNIVERSITY OF CALIFORNIA SAN FRANCISCO BAY AREA STD RESEARCH PROGRAM	30
CLARK, VIRGINIA L	R01 AI 11709-12	203,604	UNIVERSITY OF ROCHESTER BIOLOGY OF GONORRHEA	30
COOPER, MORRIS D	R01 AI 20603-02	84,502	SOUTHERN ILLINOIS UNIVERSITY SCH OF MED IMMUNOBIOLOGY OF GONOCOCCAL INFECTION IN HUMAN TISSUES	30
DENSEN, PETER	R01 AI 20880-03	103,677	UNIVERSITY OF IOWA INTERACTION OF GONOCOCCI WITH NEUTROPHILS AND SERUM	30
DOUGHERTY, THOMAS J	R01 AI 20020-03	72,347	ROCKEFELLER UNIVERSITY RESPONSES OF N. GONORRHOEAE TO B-LACTAM ANTIBIOTICS	30
FINKELSTEIN, RICHARD A	R01 AI 16764-06	140,855	UNIVERSITY OF MISSOURI COLUMBIA THE CRITICAL ROLE OF IRON IN GONOCOCCAL VIRULENCE	30
GOTSCHLICH, EMIL C	R01 AI 10615-15	202,490	ROCKEFELLER UNIVERSITY IMMUNOCHEMICAL STUDIES ON GONOCOCCAL SURFACE ANTIGENS	30
GOTSCHLICH, EMIL C	R01 AI 19469-03A2	113,000	ROCKEFELLER UNIVERSITY SURFACE PROTEINS OF NEISSERIA GONORRHOEAE	30

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			GRAM NEGATIVE COCCI (NEISSERIACEAE)	
GRIFFISS, JOHN M	R01 AI 21171-03	115,830	UNIVERSITY OF CALIFORNIA SAN FRANCISCO THE ROLE OF IGA IN BACTERIAL DISEASE	54
GRIFFISS, JOHN M	R01 AI 21620-02	117,596	UNIVERSITY OF CALIFORNIA SAN FRANCISCO IMMUNOCHEMISTRY OF GONOCOCCAL LIPOPOLYSACCHARIDE	30
JONES, ROBERT B	P01 AI 20110-03	589,219	INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS SEXUALLY TRANSMITTED DISEASES RESEARCH CENTER	30
JUDD, RALPH C	R01 AI 21236-02	48,817	UNIVERSITY OF MONTANA PEPTIDE ANALYSES OF PROTEIN 1 OF NEISSERIA GONORRHOEAE	30
JUNI, ELLIOT	R01 AI 10107-14	100,941	UNIVERSITY OF MICHIGAN AT ANN ARBOR STUDIES OF MORAXELLA, NEISSERIA AND LEGIONELLA	30
MC GEE, ZELL A	R01 AI 20265-03	122,329	UNIVERSITY OF UTAH GONOCOCCAL ATTACHMENT TO HUMAN FALLOPIAN TUBE MUCOSA	30
MULKS, MARTHA H	R01 AI 21264-01A1	112,816	MICHIGAN STATE UNIVERSITY GENETICS AND PHYSIOLOGY OF GONOCOCCAL IGA PROTEASES	30
NORROD, ERMINIA P	R01 AI 20850-03	71,307	VASSAR COLLEGE REDUCTION OF MOLECULAR OXYGEN BY NEISSERIA GONORRHOEAE	30
REST, RICHARD F	R01 AI 20897-02A1	196,455	HAHNEMANN UNIVERSITY INTRACELLULAR FATE OF NEISSERIA GONORRHOEAE	30
ROSENTHAL, RAOUL S	R01 AI 14826-08	29,400	INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS HOST RESPONSE TO GONOCOCCAL PEPTIDOGLYCAN	30
SCHOOLNIK, GARY K	R13 AI 21970-01	3,000	STANFORD UNIVERSITY FOURTH INTERNATIONAL SYMPOSIUM ON PATHOGENIC NEISSERIA	30
SHAFER, WILLIAM M	R01 AI 21150-02	90,120	EMORY UNIVERSITY GONOCOCCI: GENETICS OF RESISTANCE TO PMN PROTEINS	30
SHAFER, WILLIAM M	R01 AI 22148-02	148,485	EMORY UNIVERSITY PHYSIOLOGY AND METABOLISM OF NEISSERIA GONORRHOEAE III	30
SHAH, KEERTI V	P01 AI 16959-06	368,351	JOHNS HOPKINS UNIVERSITY JOHNS HOPKINS STD RESEARCH UNIT	30

RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			GRAM NEGATIVE COCCI (NEISSERIACEAE)	
SO, MAGDALENE Y H	R01 AI 22152-01	150,048	SCRIPPS CLINIC AND RESEARCH FOUNDATION GONOCOCCAL PILUS: STRUCTURE/FUNCTION VARIATIONS	30
SPARLING, PHILIP F	P01 AI 15036-08	517,529	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL NORTH CAROLINA PROGRAM OF SEXUALLY TRANSMITTED DISEASE	30
STAMM, WALTER E	P01 AI 12192-11	925,734	UNIVERSITY OF WASHINGTON STD RESEARCH PROGRAM PROJECT	30
SWEET, RICHARD L	R01 AI 16631-06	158,187	UNIVERSITY OF CALIFORNIA SAN FRANCISCO MICROBIOLOGIC ETIOLOGY OF ACUTE SALPINGITIS	30
TAINER, JOHN A	R01 AI 22160-01	205,744	SCRIPPS CLINIC AND RESEARCH FOUNDATION ASSEMBLY AND STRUCTURE OF NEISSERIA GONORRHEAE PILI	30
WILDE, CHARLES E, III	R01 AI 20349-03	133,330	INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS CONSERVED SURFACE STRUCTURES ON NEISSERIA GONORRHEA	30
	31	6,014,932		
			STAPHYLOCOCCI	
BOYLE, MICHAEL D	R01 AI 20445-03	62,756	UNIVERSITY OF FLORIDA FC-REACTIVE PROTEINS AND POSTSTREPTOCOCCAL NEPHRITIS	30
DONABEDIAN, HAIG	R01 AI 20256-02	63,191	MEDICAL COLLEGE OF OHIO AT TOLEDO NEUTROPHIL CHEMOTACTIC INHIBITOR IN STAPHYLOCOCCI	30
GARIBALDI, RICHARD A	R01 AI 19046-05	114,085	UNIVERSITY OF CONNECTICUT HEALTH CENTER NOSOCOMIAL INFECTIONS IN SURGICAL PATIENTS	30
HOOK, MAGNUS	R01 AI 20624-01A1	122,950	UNIVERSITY OF ALABAMA AT BIRMINGHAM BINDING OF BACTERIA TO FIBRONECTIN	30
IANDOLO, JOHN J	R01 AI 17474-05	93,773	KANSAS STATE UNIVERSITY STUDIES ON STAPHYLOCOCCAL ENTEROTOXIN	30
KAPRAL, FRANK A	R01 AI 19879-02	112,951	OHIO STATE UNIVERSITY LIPIDS CONTROLLING S. AUERUS SURVIVAL IN VIVO	30

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RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			STAPHYLOCOCCI	
KHAN, SALEEM A	R01 AI 19783-04	116,896	UNIVERSITY OF PITTSBURGH ENTEROTOXIN B PRODUCTION IN STAPHYLOCOCCUS AUREUS	30
KLOOS, WESLEY E	R01 AI 21312-02	61,141	NORTH CAROLINA STATE UNIVERSITY RALEIGH ADAPTATION OF STAPHYLOCOCCUS COMMUNITIES TO ANTIBIOTICS	30
LEE, JEAN C	R23 AI 23244-01	66,227	BRIGHAM AND WOMEN'S HOSPITAL ROLE OF STAPHYLOCOCCUS AUREUS CAPSULES IN PATHOGENESIS	30
NOVICK, RICHARD P	R01 AI 22159-01	126,449	PUBLIC HLTH RES INST OF THE CITY OF NY BIOLOGY AND GENETICS OF TOXIC SHOCK SYNDROME EXOPROTEIN	30
SANFORD, BARBARA A	R01 AI 17242-06	77,852	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT MECHANISM OF BACTERIAL SUPERINFECTION	30
WEST, TIMOTHY E	R23 AI 18654-02	52,835	STATE UNIVERSITY OF NEW YORK AT BUFFALO ENCAPSULATION OF STAPHYLOCOCCI IN DISEASE	30
	12	1,071,106		
			STREPTOCOCCI	
ANTHONY, BASCOM F	R01 AI 14827-07A1	139,099	LOS ANGELES COUNTY HARBOR-UCLA MED CTR HUMAN IMMUNITY TO THE GROUP B STREPTOCOCCI	30
BAKER, CAROL J	R01 AI 13249-09A1	205,849	BAYLOR COLLEGE OF MEDICINE HUMAN IMMUNITY TO GROUP B STREPTOCOCCUS	30
BEACHEY, EDWIN H	R01 AI 10085-22	228,461	UNIVERSITY OF TENN CENTER HEALTH SCIEN CHEMISTRY AND IMMUNOLOGY OF STREPTOCOCCAL M PROTEINS	30
BEACHEY, EDWIN H	R01 AI 13550-10	87,877	UNIVERSITY OF TENN CENTER HEALTH SCIEN LIGAND RECEPTOR INTERACTION IN BACTERIAL ADHERENCE	30
CLEARY, PAUL P	R01 AI 16722-05	118,909	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL THE GENETIC CONTROL OF VIRULENCE IN GROUP A STREPTOCOCCI	30
CLEARY, PAUL P	R01 AI 20016-03	106,659	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL A STREPTOCOCCAL INACTIVATOR OF HUMAN CHEMOATTRACTANTS	30

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RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			STREPTOCOCCI	
DUNCAN, JAMES L	R01 AI 11644-11	48,827	NORTHWESTERN UNIVERSITY STREPTOLYSIN O ACTION ON MAMMALIAN CELL MEMBRANES	30
EDWARDS, MORVEN S	R01 AI 19800-03	90,253	BAYLOR COLLEGE OF MEDICINE OPSONINS IN NEONATAL IMMUNITY TO GROUP B STREPTOCOCCI	30
FERRETTI, JOSEPH J	R01 AI 19304-03	0*	UNIVERSITY OF OKLAHOMA HLTH SCIENCES CTR DETERMINANTS OF VIRULENCE IN GROUP A STREPTOCOCCI	30
FERRIERI, PATRICIA	R01 AI 13926-09	129,313	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL HOST RESPONSES TO GROUP B STREPTOCOCCI	30
FISCHETTI, VINCENT A	R01 AI 11822-12	220,787	ROCKEFELLER UNIVERSITY PROPERTIES OF STREPTOCOCCAL M PROTEIN	30
HILL, HARRY R	R01 AI 13150-09	109,587	UNIVERSITY OF UTAH MECHANISMS OF HOST RESISTANCE TO GROUP B STREPTOCOCCI	30
JOHNSTON, KENNETH H	R01 AI 22260-01	155,822	ROCKEFELLER UNIVERSITY IMMUNOBIOLOGY OF THE STREPTOCOCCAL NEPHRITOGENIC PROTEIN	30
KASPER, DENNIS L	R01 AI 23339-01	235,175	BRIGHAM AND WOMEN'S HOSPITAL IMMUNOCHEMISTRY OF GROUP B STREPTOCOCCAL POLYSACCHARIDES	30
KIM, KWANG S	R01 AI 19454-02	101,600	LOS ANGELES COUNTY HEALTH SERVICES DEPT PREVENTION AND THERAPY OF GROUP B STREPTOCOCCI	30
LEVY, NANCY J	R23 AI 22182-01	69,308	BRIGHAM AND WOMEN'S HOSPITAL COMPLEMENT ACTIVATION BY GROUP B STREP. POLYSACCHARIDES	30
PANOS, CHARLES	R01 AI 11161-13	139,201	THOMAS JEFFERSON UNIVERSITY HEMOLYTIC STREPTOCOCCI: L-FORMS OF ALPHA & BETA GROUPS	30
PRITCHARD, DAVID G	R01 AI 19941-03	58,385	UNIVERSITY OF ALABAMA AT BIRMINGHAM IMMUNOCHEMISTRY OF TYPE II GROUP B STREPTOCOCCI	30
PRYZWANSKY, KATHERINE B	R23 AI 20581-02	50,777	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL PHAGOCYTIC PROCESSING OF STREPTOCOCCAL CELL WALLS	30
QUIE, PAUL G	R01 AI 20321-03	155,925	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL STREPTOCOCCAL PHAGES, BACTERIOCINS, AND NEPHRITIS	30

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			STREPTOCOCCI	
RUBENS, CRAIG E	R23 AI 22498-01	46,527	CHILDREN'S ORTHOPEDIC HOSPITAL-MED CTR GROUP B STREPTOCOCCAL VIRULENCE TYPE III POLYSACCHARIDE	30
SCOTT, JUNE R	R01 AI 20723-02	271,013	EMORY UNIVERSITY GENETIC ANALYSIS OF STREPTOCOCCAL M PROTEIN	30
SPITZNAGEL, JOHN K	R01 AI 16624-05	0*	EMORY UNIVERSITY PHAGOCYTES, STREPTOCOCCAL CELL WALLS AND INFLAMMATION	30
VAN DE RIJN, IVO J	R01 AI 19756-04	112,767	WAKE FOREST UNIVERSITY IMMUNOCHEMISTRY OF STREPTOCOCCAL MEMBRANE PROTEINS	30
VAN WAGENEN, RICHARD A	R43 AI 22340-01	50,000	BIOMATERIALS INTERNATIONAL, INC. INTERFACIAL LIGHT SCATTERING IMMUNOSENSOR	30
WASSERMAN, RICHARD L	R01 AI 22049-01	99,076	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS ANTI-GROUP B STREPOCOCCAL HUMAN HYBRIDOMA ANTIBODIES	30
ZABRISKIE, JOHN B	R01 AI 18149-04	132,645	ROCKEFELLER UNIVERSITY MECHANISMS OF STREPTOCOCCAL-HOST INTERACTIONS	30
	27	3,163,842		
			PNEUMOCOCCI (STREPTOCOCCUS PNEUMONIAE)	
BRILES, DAVID E	R01 AI 18557-04	105,368	UNIVERSITY OF ALABAMA AT BIRMINGHAM PROTECTIVE EFFECTS OF ANTIPHOSPHOCHOLINE ANTIBODY	54
BRILES, DAVID E	R01 AI 21548-02	154,635	UNIVERSITY OF ALABAMA AT BIRMINGHAM PROTECTIVE IMMUNITY TO PNEUMOCOCCAL SURFACE PROTEINS	54
CHUDWIN, DAVID S	R23 AI 20134-02	61,240	RUSH-PRESBYTERIAN-ST LUKES MEDICAL CTR HYBRIDOMA ANTIBODIES FOR PROTECTION AGAINST INFECTION	54
GIEBINK, G SCOTT	R01 AI 17160-04A2	118,177	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL VIRAL INFECTION IN PNEUMOCOCCAL DISEASE PATHOGENESIS	54
HOSTETTER, MARGARET K	R23 AI 20716-02	47,450	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL MOLECULAR MECHANISMS OF OPSONIZATION	30

(*) = ACTIVE; NO FY 1985 FUNDS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			PNEUMOCOCCI (STREPTOCOCCUS PNEUMONIAE)	
TOMASZ, ALEXANDER	R01 AI 16794-05	0*	ROCKEFELLER UNIVERSITY INTRINSIC BETA LACTAM RESISTANCE IN PNEUMOCOCCI	54
WINKELSTEIN, JERRY A	R01 AI 11637-11A1	179,827	JOHNS HOPKINS UNIVERSITY ROLE OF COMPLEMENT IN ANTIBACTERIAL IMMUNITY	54
	7	666,697		
			GRAM POSITIVE NON SPORE FORMING RODS	
CZUPRYNSKI, CHARLES J	R23 AI 21343-02	50,819	UNIVERSITY OF WISCONSIN MADISON INFLAMMATION IN RESISTANCE TO BACTERIAL INFECTION	30
HINRICHS, DAVID J	R01 AI 23455-01	129,753	PROVIDENCE MEDICAL CTR (PORTLAND, OR) IMMUNOREGULATION OF ANTI-LISTERIA IMMUNITY	30
SAVAGE, DWAYNE C	R01 AI 11858-13	142,331	UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN INFLUENCES OF NORMAL MICROFLORA ON GUT HISTOLOGY	30
UNANUE, EMIL R	R01 AI 22609-01	91,340	WASHINGTON UNIVERSITY IMMUNOSUPPRESSION IN EXPERIMENTAL INFECTIONS	02
	4	414,243		
			BACILLI	
MARELLO, TERRY A	R43 AI 22761-01	50,000	BIOLOG, INC. RAPID ACCURATE IDENTIFICATION NON FERMENTERS NEGNB	30
MC CABE, WILLIAM R	R01 AI 21783-01	93,749	BOSTON CITY HOSPITAL ENDOTOXIN ASSOCIATED PROTEIN (EAP) - BIOLOGY & CHEMISTRY	30
	2	143,749		
			CLOSTRIDIA	
BALISH, EDWARD	R01 AI 20354-03	113,314	UNIVERSITY OF WISCONSIN MADISON INTESTINAL TETANUS	30

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CLOSTRIDIA	
KLEMPNER, MARK S	R01 AI 22145-01	199,664	TUFTS UNIVERSITY MECHANISM OF ACTION OF TETANUS TOXIN	30
MC CLANE, BRUCE A	R01 AI 19844-04	111,776	UNIVERSITY OF PITTSBURGH MECHANISM OF ACTION OF C PERFRINGENS ENTEROTOXIN	64
ROLFE, RIAL D	R01 AI 21489-02	62,401	TEXAS TECH UNIVERSITY CLINDAMYCIN INDUCED ILEOCECITIS IN INFANT HAMSTERS	64
SUGIYAMA, HIROSHI	R01 AI 15336-07	72,252	UNIVERSITY OF WISCONSIN MADISON MICE AS MODELS FOR STUDYING BOTULISM OF HUMAN INFANTS	30
WILKINS, TRACY D	R01 AI 15749-07	157,040	VIRGINIA POLYTECHNIC INST AND ST UNIV ISOLATION OF TOXINS FROM C DIFFICILE AND C SORDELLII	64
	6	716,447		
			CORYNEBACTERIA	
MOEHRING, THOMAS J	R01 AI 09100-16	265,113	UNIVERSITY OF VERMONT & ST AGRIC COLLEGE MAMMALIAN CELL RESPONSE TO DIPHTHERIA TOXIN	30
PENN, ROBERT L	R01 AI 19666-03	38,736	U.S. VETS ADMIN MED CTR (SHREVEPORT) INTESTINAL BACTERIAL INFECTION DUE TO IMMUNOSUPPRESSION	30
	2	303,849		
			ACTINOMYCETES	
BEAMAN, BLAINE L	R01 AI 19579-03	80,760	UNIVERSITY OF CALIFORNIA DAVIS LYMPHOCYTE-MACROPHAGE INTERACTIONS IN HOST RESISTANCE	31
BEAMAN, BLAINE L	R01 AI 20900-02	122,102	UNIVERSITY OF CALIFORNIA DAVIS DETERMINANTS OF INFECTION IN NOCARDIOSIS	31
SUGAR, ALAN M	R01 AI 22062-01	88,474	UNIVERSITY HOSPITAL (BOSTON) A NOCARDIA SPECIFIC ANTIGEN: ISOLATION AND APPLICATIONS	31
	3	291,336		

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MYCOBACTERIUM	
BARROW, WILLIAM W	R01 AI 21946-02	43,593	TEXAS COLLEGE OF OSTEOPATHIC MEDICINE PROCESSING OF MYCOBACTERIAL GLYCOPEPTIDOLIPID ANTIGENS	33
BLOOM, BARRY R	R01 AI 20111-03	107,809	YESHIVA UNIVERSITY IMMUNOLOGIC STUDIES IN LEPROSY	90
BRENNAN, PATRICK J	R22 AI 18357-05	86,652	COLORADO STATE UNIVERSITY SPECIFIC ANTIGENS OF ATYPICAL MYCOBACTERIA	33
BRENNAN, PATRICK J	R22 AI 21057-02	119,682	COLORADO STATE UNIVERSITY MYCOBACTERIUM LEPRAE GLYCOLIPID ANTIGENS	33
COLLINS, FRANK M	R22 AI 14065-09	130,688	TRUDEAU INSTITUTE, INC. A MOUSE INFECTION MODEL OF LEPROMATOUS LEPROSY	33
CROWLE, ALFRED J	R01 AI 21919-02	92,015	UNIVERSITY OF COLORADO HLTH SCIENCES CTR MECHANISMS OF M AVIUM INFECTION IN AIDS	33
DHOPLE, ARVIND M	R22 AI 17723-04	63,593	FLORIDA INSTITUTE OF TECHNOLOGY APPLICATION OF ATP ASSAYS TO PATIENT CARE IN LEPROSY	33
ELLNER, JERROLD J	R22 AI 18471-04	141,388	CASE WESTERN RESERVE UNIVERSITY IMMUNOSUPPRESSION IN MYCOBACTERIAL DISEASES	33
ENGLEMAN, EDGAR G	R22 AI 22653-01	83,655	STANFORD UNIVERSITY IMMUNOLOGIC DEFECTS IN LEPROMATOUS LEPROSY	33
GANGADHARAM, PATTISAPU R	R01 AI 21897-02	117,775	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST IMMUNOPATHOLOGY OF MYCOBACTERIUM INTRACELLULARE IN AIDS	33
GILLIS, THOMAS P	R01 AI 22007-01S1	0*	U.S. PHS NATIONAL HANSEN'S DISEASE CTR ANTIGENIC ANALYSIS OF M LEPRAE WITH MONOCLONAL ANTIBODY	33
GOREN, MAYER B	R22 AI 08401-17	176,815	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST SURFACE CHEMISTRY OF MYCOBACTERIA	33
GORMUS, BOBBY J	R22 AI 19302-04	168,488	TULANE UNIVERSITY OF LOUISIANA CHARACTERIZATION OF EXPERIMENTAL LEPROSY	33
GRUFT, HOWARD	R22 AI 13813-08	163,297	NEW YORK STATE DEPT OF HEALTH EPIDEMIOLOGY OF INFECTION WITH ATYPICAL MYCOBACTERIA	33

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MYCOBACTERIUM	
HASTINGS, ROBERT C	R22 AI 22492-01	53,257	U.S. PHS NATIONAL HANSEN'S DISEASE CTR NUDE MICE IN LEPROSY RESEARCH	33
HOLZER, TIMOTHY J	R23 AI 21354-02	48,442	UNIVERSITY OF ILLINOIS AT CHICAGO ANTIMYCOBACTERIAL ACTIVITY OF PHAGOCYTIC CELLS	33
IMAEDA, TAMOTSU	R01 AI 21929-02	72,401	UNIVERSITY OF MEDICINE & DENTISTRY OF NJ MYCOBACTERIM AVIUM INTRACELLULARE IN AIDS PATIENTS	33
KRAHENBUHL, JAMES L	R22 AI 22442-01	61,400	U.S. PHS NATIONAL HANSEN'S DISEASE CTR IMMUNOLOGY AND IMMUNOTHERAPY OF LERPOSY	33
LEFFORD, MAURICE J	P01 AI 20198-02	328,748	WAYNE STATE UNIVERSITY IMMUNOLOGICAL PROBLEMS OF LEPROSY	90
MC CARTHY, CHARLOTTE M	R01 AI 21874-02	75,970	NEW MEXICO STATE UNIVERSITY LAS CRUCES ASSESSMENT OF DRUG RESISTANCE IN MYCOBACTERIUM AVIUM	33
MC MURRAY, DAVID N	R01 AI 15495-06	0*	TEXAS AGRI AND MECH UNIV COLLEGE STATION PROTEIN AND ZINC DEFICIENCY AND VACCINE EFFICACY	62
MODLIN, ROBERT L	R23 AI 22187-01	56,350	UNIVERSITY OF SOUTHERN CALIFORNIA IMMUNOREGULATION IN LEPROSY GRANULOMAS	33
MURRAY, HENRY W	R01 AI 21917-02	144,625	CORNELL UNIVERSITY MEDICAL CENTER GAMMA INTERFERON--MYCOBACTERIUM AVIUM INFECTION IN AIDS	33
MYRVIK, QUENTIN N	R22 AI 17812-05	107,197	WAKE FOREST UNIVERSITY INTERACTION OF ALVEOLAR MACROPHAGES WITH MYCOBACTERIA	33
SHINNICK, THOMAS M	R22 AI 22217-01	143,445	SCRIPPS CLINIC AND RESEARCH FOUNDATION REACTIVITY OF MOLECULARLY DEFINED MYCOBACTERIAL ANTIGENS	33
SMITH, DONALD W	R22 AI 17368-05	95,912	UNIVERSITY OF WISCONSIN MADISON VIRULENCE OF M TUBERCULOSIS PATHOGENETIC SIGNIFICANCE	33
	26	2,683,197		
			RICKETTSIA	
AZAD, ABDU F	R01 AI 17828-04	122,467	UNIVERSITY OF MARYLAND AT BALTIMORE MURINE TYPHUS: VECTOR BIOLOGY AND TRANSMISSION	54

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RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			RICKETTSIA	
HANSON, BARBARA A	R01 AI 17743-05	95,144	UNIVERSITY OF MARYLAND AT BALTIMORE SCRUB TYPHUS VARIATION: PROTEINS AND MEMBRANE ANTIGENS	54
MALLAVIA, LOUIS P	R01 AI 20190-03	122,717	WASHINGTON STATE UNIVERSITY SURFACE CHANGE AND VIRULENCE IN COXIELLA BURNETII	54
PARETSKY, DAVID	R01 AI 16954-04A1	83,523	UNIVERSITY OF KANSAS LAWRENCE TRANSCRIPTION AND TRANSLATION REGULATION IN INFECTION	54
WALKER, DAVID H	R01 AI 21242-02	87,003	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL ANALYSIS OF SPOTTED FEVER RICKETTSIAL ANTIGENS	54
WALKER, DAVID H	R01 AI 22224-01	134,856	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL ANTIGENS AND DNA OF EAST ASIAN SFG RICKETTSIAE	54
WALKER, THOMAS S	R15 AI 23115-01	62,103	BALL STATE UNIVERSITY ARACHIDONATE DERIVATIVES AND THE TYPHUS TOXIC REACTION	54
WINKLER, HERBERT H	R01 AI 15035-08	204,393	UNIVERSITY OF SOUTH ALABAMA PERMEABILITY OF THE EPIDEMIC TYPHUS RICKETTSIA	54
WINKLER, HERBERT H	R01 AI 19659-03	120,905	UNIVERSITY OF SOUTH ALABAMA LYMPHOKINE & ANTIBODY: HOST DEFENSE AGAINST RICKETTSIAE	54
WOOD, DAVID O	R01 AI 20384-03	89,469	UNIVERSITY OF SOUTH ALABAMA GENETIC ANALYSIS OF RICKETTSIA PROWAZEKII	54
	10	1,122,580		
			CHLAMYDIA	
BARRON, ALMEN L	R01 AI 19575-03	95,119	UNIVERSITY OF ARKANSAS MED SCIS LTL ROCK EFFECT OF REPRODUCTIVE HORMONES ON GENITAL INFECTIONS	30
BYRNE, GERALD I	R01 AI 19782-02A3	98,949	UNIVERSITY OF WISCONSIN MADISON IMMUNITY AND LATENCY IN CHLAMYDIAL INFECTIONS	30
DE TOMA, FRANCIS J	R15 AI 23125-01	62,548	MOUNT HOLYOKE COLLEGE CYCLIC NUCLEOTIDES AND LATENT C. TRACHOMATIS INFECTION	30

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CHLAMYDIA	
GRAYSTON, J THOMAS	R01 AI 16222-07	229,538	UNIVERSITY OF WASHINGTON EPIDEMIOLOGY OF CHLAMYDIA TRACHOMATIS INFECTIONS	30
GRAYSTON, J THOMAS	R01 AI 21885-01	151,202	UNIVERSITY OF WASHINGTON HUMAN INFECTION WITH CHLAMYDIA PSITTACOSIS	30
HATCH, THOMAS P	R01 AI 19570-03	96,366	UNIVERSITY OF TENN CENTER HEALTH SCIEN HOST-FREE ACTIVITIES OF CHLAMYDIAE	30
HEGGIE, ALFRED D	R01 AI 17885-03	0*	CASE WESTERN RESERVE UNIVERSITY CHLAMYDIAL IMMUNITY IN MOTHERS AND INFANTS	30
KUO, CHO-CHOU	R01 AI 22082-01	137,232	UNIVERSITY OF WASHINGTON SUBCUTANEOUS MODEL OF CHLAMYDIAL SALPINGITIS	30
LOVETT, MICHAEL A	R01 AI 21332-02	156,290	UNIVERSITY OF CALIFORNIA LOS ANGELES CHLAMYDIA TRACHOMATIS ANTIGENIC DIVERSITY	30
NAHMIAS, ANDRE J	R01 AI 21162-02	83,095	EMORY UNIVERSITY C TRACHOMATIS PNEUMONITIS IN C57BL/KSJ RODENTS	30
ROTHERMEL, CONSTANCE D	R23 AI 21788-01	54,750	CORNELL UNIVERSITY MEDICAL CENTER IFN, MONONUCLEAR PHAGOCYTES, AND CHLAMYDIAL PERSISTENCE	30
STAMM, WALTER E	R01 AI 17805-05	117,517	UNIVERSITY OF WASHINGTON THE ETIOLOGY OF ENTERITIS & PROCTITIS IN HOMOSEXUAL MEN	30
WILLIAMS, DWIGHT M	R01 AI 22566-01	116,825	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT CELLULAR IMMUNITY IN CHLAMYDIA TRACHOMATIS INFECTION	30
WYRICK, PRISCILLA B	R01 AI 13446-07	123,909	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL VIRULENCE FACTORS OF CHLAMYDIAE	30
	14	1,523,340		
			MYCOPLASMA	
BASEMAN, JOEL B	R01 AI 18540-02	94,762	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT MOLECULAR PATHOGENESIS OF MYCOPLASMA PNEUMONIAE DISEASE	54

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MYCOPLASMA	
GABRIDGE, MICHAEL G	R01 AI 22008-02	101,840	BIONIQUE LABORATORIES, INC. MECHANISM OF PATHOGENESIS IN MYCOPLASMAL PNEUMONIA	54
HU, PING-CHUAN	R01 AI 20391-03	94,821	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL MOLECULAR PATHOGENESIS OF M PNEUMONIAE DISEASE	54
KENNY, GEORGE E	R01 AI 06720-19	148,107	UNIVERSITY OF WASHINGTON ANTIGEN COMPOSITION OF MYCOPLASMA PNEUMONIAE	54
	4	439,530		
			CANDIDA	
BECKER, JEFFREY M	R01 AI 14387-07A1	184,568	UNIVERSITY OF TENNESSEE KNOXVILLE A NOVEL APPROACH FOR DRUGS TO CANDIDA ALBICANS	31
BUCKLEY, HELEN R	R01 AI 14695-06A3	88,077	TEMPLE UNIVERSITY CANDIDA ALBICANS ANTIGENS AND ANTIBODIES	31
DIAMOND, RICHARD D	R01 AI 15338-08	279,602	UNIVERSITY HOSPITAL (BOSTON) PULMONARY AND SYSTEMIC KILLING OF OPPORTUNISTIC FUNGI	31
DOMER, JUDITH E	R01 AI 19583-01A1	0*	TULANE UNIVERSITY OF LOUISIANA IMMUNE RESPONSES TO CANDIDA COLONIZING THE MURINE GUT	31
EDWARDS, JOHN E, JR	R01 AI 19990-01A1	0*	LOS ANGELES COUNTY HARBOR-UCLA MED CTR CANDIDA ADHERENCE & PENETRATION OF VASCULAR ENDOTHELIUM	31
FEINGOLD, DAVID S	R01 AI 19931-03	116,678	TUFTS UNIVERSITY ANTIFUNGAL DRUGS: MECHANISMS AND TREATMENT IMPLICATIONS	31
FELDMAN, DAVID	R01 AI 20409-03	189,181	STANFORD UNIVERSITY ENDOCRINOLOGY IN FUNGAL BIOLOGY AND PHARMACOLOGY	31
JONES, JEFFREY M	R01 AI 15682-07	91,840	UNIVERSITY OF WISCONSIN MADISON RADIOIMMUNOASSAYS FOR DIAGNOSIS OF SEVERE CANDIDIASIS	31
LEHMANN, PAUL F	R01 AI 21947-02	54,133	MEDICAL COLLEGE OF OHIO AT TOLEDO MANNOPROTEIN BIOSYNTHESIS AND ITS ROLE IN PATHOGENICITY	31

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RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CANDIDA	
LEHRER, ROBERT I	P01 AI 16252-07	326,755	UNIVERSITY OF CALIFORNIA LOS ANGELES CCU-MRU, A MULTIDISCIPLINARY MYCOLOGY RESEARCH UNIT	31
MAGEE, PAUL T	R01 AI 16567-06	125,982	MICHIGAN STATE UNIVERSITY ESTABLISHMENT OF A GENETIC SYSTEM IN CANDIDA ABLICANS	31
NUGENT, KENNETH M	R01 AI 22356-01	67,908	UNIVERSITY OF TEXAS HLTH CTR AT TYLER CANDIDACIDAL FACTORS IN THE LOWER RESPIRATORY TRACT	31
ROGERS, THOMAS J	R01 AI 19045-05	84,055	TEMPLE UNIVERSITY NATURE OF CANDIDA ALBICANS INDUCED IMMUNOSUPPRESSION	31
WEINER, MARC H	R01 AI 13770-08	81,042	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT ANTIGEN IMMUNODIAGNOSIS OF MYCOTIC INFECTION	31
	14	1,689,821		
			COCCIDIOIDES	
COX, REBECCA A	R01 AI 18761-04	123,491	SAN ANTONIO STATE CHEST HOSPITAL IMMUNE COMPLEXES IN COCCIDIOIDOMYCOSIS	31
COX, REBECCA A	R01 AI 21431-02	89,523	SAN ANTONIO STATE CHEST HOSPITAL ISOLATION OF A BIOLOGICALLY ACTIVE COCCIDIOIDES ANTIGEN	31
	2	213,014		
			CRYPTOCOCCUS	
BLACKSTOCK, REBECCA	R01 AI 22378-01	79,675	UNIVERSITY OF OKLAHOMA HLTH SCIENCES CTR INHIBITION OF MACROPHAGE PHAGOCYTOSIS IN CRYPTOCOCUS	31
CHERNIAK, ROBERT	R01 AI 18877-01A3	97,871	GEORGIA STATE UNIVERSITY POLYSACCHARIDE ANTIGENS OF CRYPTOCOCCUS NEOFORMANS	31
JACOBSON, ERIC S	R01 AI 21767-01A1	120,248	VIRGINIA COMMONWEALTH UNIVERSITY GENETIC STUDY OF BRANCHING IN THE CRYPTOCOCCAL CAPSULE	31
KOZEL, THOMAS R	R01 AI 14209-08A1	147,028	UNIVERSITY OF NEVADA RENO CRYPTOCOCCAL POLYSACCHARIDE: INHIBITION OF PHAGOCYTOSIS	31

(*) = ACTIVE; NO FY 1985 FUNDS

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RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CRYPTOCOCCUS	
LIPSCOMB, MARY F	R01 AI 21951-01	0*	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS PULMONARY DEFENSES IN OPPORTUNISTIC INFECTIONS	31
MILLER, GERALDINE P	R01 AI 20911-02	74,839	UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON HUMAN IN VITRO RESPONSES TO CRYPTOCOCCUS NEOFORMANS	31
MURPHY, JUNEANN W	R01 AI 15716-06	103,519	UNIVERSITY OF OKLAHOMA NORMAN ROLE OF T CELLS IN IMMUNITY TO CRYPTOCOCCOSIS	31
MURPHY, JUNEANN W	R01 AI 18895-03	88,132	UNIVERSITY OF OKLAHOMA NORMAN NATURAL CELL-MEDIATED RESISTANCE IN CRYPTOCOCCOSIS	31
RHODES, JUDITH C	R23 AI 20992-02	50,060	UNIVERSITY OF CINCINNATI VIRULENCE MECHANISMS IN CRYPTOCOCCUS NEOFORMANS	31
	9	761,372		
			HISTOPLASMA	
BULLOCK, WARD E	R01 AI 17339-06	198,256	UNIVERSITY OF CINCINNATI IMMUNOREGULATION IN DISSEMINATED HISTOPLASMOSIS	31
MEDOFF, GERALD	P01 AI 16228-07	500,364	WASHINGTON UNIVERSITY MEDICAL MYCOLOGY	31
	2	698,620		
			ASPERGILLUS	
LEVITZ, STUART M	K11 AI 00658-01	74,258	BOSTON UNIVERSITY MECHANISMS OF NEUTROPHIL-ASPERGILLUS INTERACTIONS	31
	1	74,258		
			FUNGI, GENERAL	
ARTIS, WILLIAM M	R01 AI 15779-04A2	107,860	EMORY UNIVERSITY HOST DEFENSE TO FUNGI MEDIATED BY IRON RESTRICTION	31
	1	107,860		

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RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			FUNGI, OTHER (E.G., MUCOR; RHIZOPUS; GEOTRICHUM)	
ARNOLD, WILFRED N	R01 AI 20761-02	72,809	UNIVERSITY OF KANSAS COL HLTH SCI & HOSP STRUCTURE AND FUNCTION IN PATHOGENIC YEAST ENVELOPES	31
WALDORF, ALAYN R	R01 AI 23404-01	75,545	UNIVERSITY OF CALIFORNIA BERKELEY EFFECTS OF DIABETES INDEFENSES IN FUNGAL INFECTIONS	31
	2	148,354		
			OTITIS MEDIA	
KLEIN, JEROME O	R01 AI 18010-04	0*	BOSTON CITY HOSPITAL NATURAL HISTORY AND MORBIDITY OF OTITIS MEDIA	54
	1	0		
			GENERALIZED INFECTIOUS DISEASES, GENERAL	
SCHOLL, DAVID R	R44 AI 21213-02	229,898	MOLECULAR DIAGNOSTICS, INC DNA HYBRIDIZATION IN THE DIAGNOSIS OF INFECTIOUS DISEASE	30
	1	229,898		
			GENERALIZED INFECTIOUS DISEASES, OTHER	
BERRY, L JOE	R01 AI 10087-14A1	104,806	UNIVERSITY OF TEXAS AUSTIN MECHANISM OF INDUCIBLE ENZYME INHIBITION BY ENDOTOXIN	30
	1	104,806		
			BASIC MICROBIOLOGY, GENERAL	
FRETER, ROLF G	R01 AI 20387-03	127,608	UNIVERSITY OF MICHIGAN AT ANN ARBOR BACTERIAL ADHESION IN THE MICROECOLOGY OF THE LARGE GUT	30
MC CLAIN, WILLIAM M	R01 AI 22636-01	80,976	WAYNE STATE UNIVERSITY LIGHT SCATTERING MODELS OF BACTERIA AND VIRUSES	30
	2	208,584		

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RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			BASIC MICROBIOLOGY, OTHER	
AMBRUSO, DANIEL R	R01 AI 19423-02	100,635	UNIVERSITY OF COLORADO HLTH SCIENCES CTR HYDROXYL RADICAL AND BACTERIAL KILLING BY NEUTROPHILS	30
ANDERSON, DONALD C	R01 AI 19031-04	78,822	BAYLOR COLLEGE OF MEDICINE PMN LEUKOCYTE MOTILITY/ADHESIVE PROPERTIES IN NEONATES	30
BABIOR, BERNARD M	R01 AI 11827-13	196,218	NEW ENGLAND MEDICAL CENTER HOSPITALS,INC THE FUNCTION OF NORMAL AND MALIGNANT PHAGOCYTIC CELLS	30
BAGGIOLINI, MARCO	R13 AI 22686-01	1,500	GORDON RESEARCH CONFERENCES GORDON RESEARCH CONFERENCE ON PHAGOCYTES	30
BASS, DAVID A	R01 AI 10732-14	122,235	WAKE FOREST UNIVERSITY PATHOPHYSIOLOGY AND METABOLISM OF THE LEUKOCYTE	30
BROWDER, WILLIAM	R01 AI 17974-03	134,108	TULANE UNIVERSITY OF LOUISIANA SURGICAL SEPSIS--MODIFICATION BY IMMUNOSTIMULATION	30
CLARK, ROBERT A	R01 AI 20866-03	120,076	UNIVERSITY OF IOWA NEUTROPHIL ACTIVATION: OXIDATIVE BURST AND DEGRANULATION	30
DINARELLO, CHARLES A	R01 AI 15614-07	180,531	TUFTS UNIVERSITY PATHOGENESIS OF FEVER IN HUMANS	30
ELSBACH, PETER	R01 AI 18571-04A1	163,574	NEW YORK UNIVERSITY NEUTROPHILS AND BACTERIAL PHOSPHOLIPID DEGRADATION	30
GOLDBERG, MICHAEL I	R13 AI 21943-01	3,000	AMERICAN SOCIETY FOR MICROBIOLOGY MECHANISMS OF MICROBIAL VIRULENCE	30
HEBERT, JAMES C	R23 AI 21077-01A1	52,605	UNIVERSITY OF VERMONT & ST AGRIC COLLEGE POSTSPLENECTOMY PULMONARY BACTERIAL DEFENSES	30
HILL, HARRY R	R01 AI 19094-04	91,085	UNIVERSITY OF UTAH CHEMOTATIC MECHANISMS IN NEONATAL BACTERIAL INFECTION	30
JOHNSTON, RICHARD B, JR	R01 AI 14148-09	159,063	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST MECHANISMS OF RESISTANCE TO BACTERIAL INFECTION	30
KLEBANOFF, SEYMOUR J	R01 AI 07763-19	136,705	UNIVERSITY OF WASHINGTON ANTIMICROBIAL EFFECT OF PEROXIDASE - ROLE IN LEUKOCYTES	30

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RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			BASIC MICROBIOLOGY, OTHER	
LEHRER, ROBERT I	R01 AI 18754-03	156,009	UNIVERSITY OF CALIFORNIA LOS ANGELES MICROBICIDAL COMPONENTS OF PULMONARY MACROPHAGES	30
MC CALL, CHARLES E	R01 AI 09169-13	175,032	WAKE FOREST UNIVERSITY FUNCTIONAL AND METABOLIC PROPERTIES OF TOXIC NEUTROPHILS	30
MOORE, ROBERT N	R01 AI 18960-03	104,912	UNIVERSITY OF TENNESSEE KNOXVILLE REGULATION OF MACROPHAGE INFLAMMATORY FUNCTIONS BY CSF	30
MOORE, WALTER E	R01 AI 15244-07	93,316	VIRGINIA POLYTECHNIC INST AND ST UNIV RAPID IDENTIFICATION OF CLINICAL BACTERIA	30
MORRISON, DAVID C	R01 AI 22948-01	153,037	UNIVERSITY OF KANSAS COL HLTH SCI & HOSP BIOCHEMICAL PARAMETERS OF LPS-INITIATED HOST RESPONSE	30
MURPHY, PATRICK A	R01 AI 03772-23A1	159,732	JOHNS HOPKINS UNIVERSITY CHEMISTRY AND PHYSIOLOGY OF ENDOGENOUS PYROGENS	30
QUIE, PAUL G	R01 AI 06931-20	120,119	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL HOST REACTIONS TO MICROORGANISMS IN CHRONIC DISEASE	30
SCHNEIDER, DONALD L	R01 AI 18410-02	78,861	DARTMOUTH COLLEGE REGULATION OF MICROBICIDAL EVENTS IN NEUTROPHILS	30
SIMMONS, RICHARD L	R01 AI 14032-07	109,127	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL PATHOGENESIS AND TREATMENT OF EXPERIMENTAL PERITONITIS	30
SKARNES, ROBERT C	R01 AI 15458-06	149,708	WORCESTER FOUNDATION FOR EXPER BIOLOGY HOST DEFENSE MECHANISMS AGAINST BACTERIAL ENDOTOXINS	30
THOMAS, EDWIN L	R01 AI 16795-04A1	135,245	ST. JUDE CHILDREN'S RESEARCH HOSPITAL MYELOPEROXIDASE AND LEUKOCYTE GRANULE COMPONENTS	30
VOGEL, STEFANIE N	R01 AI 18797-04	91,837	U.S. UNIFORMED SERVICES UNIV OF HLTH SCI DIFFERENTIATIVE SIGNALS FOR MACROPHAGE ACTIVATION	30
WARNER, ISIAH M	R01 AI 19916-03	71,811	EMORY UNIVERSITY BACTERIAL IDENTIFICATION BY MULTIPARAMETER FLUORESCENCE	30
	27	3,138,903		

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RESEARCH GRANTS & CAREER PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			BASIC MICROBIOLOGY, OTHER	
ANDERSON, DONALD C	K04 AI 00501-04	50,534	BAYLOR COLLEGE OF MEDICINE LEUKOCYTE MOBILITY IN NEONATES AND MALNOURISHED INFANTS	30
WILSON, CHRISTOPHER B	K04 AI 00568-02	51,840	CHILDREN'S ORTHOPEDIC HOSPITAL-MED CTR MACROPHAGE FUNCTION IN NEWBORN HUMANS AND PRIMATES	30
	2	102,374		

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MYXOVIRUSES	
ABRAMSON, JON S	R01 AI 20506-02	65,268	WAKE FOREST UNIVERSITY PHAGOCYTIC CELL DYSFUNCTION DUE TO INFLUENZA VIRUS	50
AIR, GILLIAN M	R01 AI 18203-04A1	112,763	UNIVERSITY OF ALABAMA AT BIRMINGHAM INFLUENZA B: GENE SEQUENCES	50
AIR, GILLIAN M	R01 AI 19084-03	84,369	UNIVERSITY OF ALABAMA IN BIRMINGHAM STRUCTURE OF ANTIGENIC SITES ON INFLUENZA VIRUS PROTEINS	50
BEAN, WILLIAM J, JR	R01 AI 22275-01	95,903	ST. JUDE CHILDREN'S RESEARCH HOSPITAL CHARACTERIZATION OF AMANTADINE-RESISTANT INFLUENZA VIRUS	50
BENNINK, JACK	R01 AI 14162-09	235,041	WISTAR INSTITUTE OF ANATOMY AND BIOLOGY CELL-MEDIATED IMMUNITY IN INFLUENZA	50
BONA, CONSTANTIN A	R01 AI 18316-04A1	337,122	MOUNT SINAI SCHOOL OF MEDICINE IDIOTYPY OF ANTI-INFLUENZA VIRUS IMMUNE RESPONSE	50
BRACIALE, THOMAS J	R01 AI 15608-06	108,916	WASHINGTON UNIVERSITY CYTOTOXIC T LYMPHOCYTE RESPONSE TO INFLUENZA VIRUS	50
COLMAN, PETER M	R01 AI 21659-01	40,983	COMMONWEALTH SCI & IND RES ORG 3-DIMENSIONAL STRUCTURES OF INFLUENZA NEURAMINIDASES	50
COMPANS, RICHARD W	R01 AI 12680-11	172,317	UNIVERSITY OF ALABAMA AT BIRMINGHAM INFLUENZA VIRUS STRUCTURE, BIOSYNTHESIS, AND ASSEMBLY	50
FOX, C FRED	R13 AI 22014-01	5,000	UNIVERSITY OF CALIFORNIA LOS ANGELES CONFERENCE ON OPTIONS FOR THE CONTROL OF INFLUENZA	50
FRANK, ARTHUR L	R01 AI 23597-01	139,124	UNIVERSITY OF ILLINOIS AT CHICAGO PRODUCTION OF HUMAN MONOCLONAL ANTIBODIES TO INFLUENZA V	50
GERHARD, WALTER	R01 AI 13989-09	192,037	WISTAR INSTITUTE OF ANATOMY AND BIOLOGY ANTIGENICITY & IMMUNOGENICITY OF INFLUENZA VIRUS HA	50
GETHING, MARY-JANE H	R01 AI 19630-03	143,084	COLD SPRING HARBOR LABORATORY MOLECULAR GENETICS OF INFLUENZA VIRUS HEMAGGLUTININ	50

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RESEARCH GRANTS & CAREER PROGRAMS

VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MYXOVIRUSES	
GETHING, MARY-JANE H	R01 AI 23594-01	178,194	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS MOLECULAR GENETICS OF INFLUENZA VIRUS HAEMAGGLUTININ	50
HSU, MING-CHU	R01 AI 05600-23	320,315	ROCKEFELLER UNIVERSITY MYXOVIRUS STRUCTURE, REPLICATION, MEMBRANE INTERACTION	50
HURWITZ, JULIA L	R23 AI 21054-02	51,545	WISTAR INSTITUTE OF ANATOMY AND BIOLOGY INFLUENZA-SPECIFIC T-SUPPRESSOR CELLS	50
KILBOURNE, EDWIN D	R01 AI 09304-16	175,945	MOUNT SINAI SCHOOL OF MEDICINE BIOLOGY AND BIOCHEMISTRY OF INFLUENZA VIRUSES	50
KRUG, ROBERT M	R01 AI 11772-12	281,722	SLOAN-KETTERING INSTITUTE FOR CANCER RES REPLICATION OF INFLUENZA VIRUS	50
LAMB, ROBERT A	R01 AI 20201-03	107,056	NORTHWESTERN UNIVERSITY STRUCTURE AND FUNCTION OF THE INFLUENZA VIRUS GENOME	50
NAYAK, DEBI P	R01 AI 12749-10	142,715	UNIVERSITY OF CALIFORNIA LOS ANGELES INTERFERENCE BY DEFECTIVE INFLUENZA VIRUSES MECHANISM	50
NAYAK, DEBI P	R01 AI 16348-06	176,249	UNIVERSITY OF CALIFORNIA LOS ANGELES CLONING OF INFLUENZA VIRAL RNA SEGMENTS	50
PALESE, PETER M	R01 AI 11823-12	240,302	MOUNT SINAI SCHOOL OF MEDICINE STUDIES WITH SYNTHETIC NEURAMINIDASE SUBSTRATES	50
PALESE, PETER M	R01 AI 18998-04	179,408	MOUNT SINAI SCHOOL OF MEDICINE GENETIC ANALYSIS OF INFLUENZA A, B AND C VIRUSES	50
PAULSON, JAMES C	R01 AI 16165-07	152,907	UNIVERSITY OF CALIFORNIA LOS ANGELES SIALYLOLIGOSACCHARIDE RECEPTORS OF MYXOVIRUSES	50
REISS, CAROL S	R01 AI 18083-05	89,516	DANA-FARBER CANCER INSTITUTE REGULATION/SPECIFICITY OF THE IMMUNE RESPONSE TO VIRUS	50
ROBERTS, NORBERT J, JR	R01 AI 15547-06	0*	UNIVERSITY OF ROCHESTER VIRAL INFECTION AND CELL-MEDIATED IMMUNITY	50
SCHLESINGER, R WALTER	R01 AI 21562-02	134,279	UNIV OF MED/DENT NJ-RUTGERS MEDICAL SCH PRODUCTIVE AND ABORTIVE INFLUENZA VIRUS INFECTION OF CNS	50

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MYXOVIRUSES	
SCHULMAN, JEROME L	R01 AI 14053-08	0*	MOUNT SINAI SCHOOL OF MEDICINE BIOLOGICAL ASSAY OF DEFINED INFLUENZA A RECOMBINANTS	50
SCHULZE, IRENE T	R01 AI 10097-12A2	111,575	ST. LOUIS UNIVERSITY STRUCTURE AND SYNTHESIS OF MYXOVIRUSES	50
SHOPE, THOMAS C	R01 AI 20236-03	106,463	UNIVERSITY OF MICHIGAN AT ANN ARBOR REYE'S SYNDROME METABOLIC VIROLOGIC STUDY IN FERRETS	50
SMALL, PARKER A, JR	R01 AI 07713-18	0*	UNIVERSITY OF FLORIDA HOST DEFENSE AGAINST INFLUENZA	50
WEBSTER, ROBERT G	R01 AI 08831-17	152,567	ST. JUDE CHILDREN'S RESEARCH HOSPITAL STUDIES ON THE ORIGIN OF PANDEMIC INFLUENZA VIRUSES	50
WEBSTER, ROBERT G	R01 AI 20591-02	125,810	ST. JUDE CHILDREN'S RESEARCH HOSPITAL HOST CELL SELECTION OF INFLUENZA VIRUS VARIANTS	50
WHITE, JUDITH M	R01 AI 22470-01	155,422	UNIVERSITY OF CALIFORNIA SAN FRANCISCO MOLECULAR MECHANISM OF MEMBRANE FUSION PROTEINS	50
WILEY, DON C	R01 AI 13654-09	204,973	HARVARD UNIVERSITY VIRAL MEMBRANE AND GLYCOPROTEIN STRUCTURE	50
YEWDELL, JONATHAN W	R01 AI 19607-03	115,207	WISTAR INSTITUTE OF ANATOMY AND BIOLOGY NEUTRALIZATION OF INFLUENZA BY MONOCLONAL ANTIBODIES	50
YEWDELL, JONATHAN W	R01 AI 22114-01	150,963	WISTAR INSTITUTE OF ANATOMY AND BIOLOGY STUDY OF VIRAL ANTIGENS RECOGNIZED BY ANTI-INFLUENZA CTL	50
	37	5,085,160		
ABRAMSON, JON S	K04 AI 00670-01	50,112	WAKE FOREST UNIVERSITY NEUTROPHIL DYSFUNCTION DUE TO INFLUENZA A VIRUS	50
	1	50,112		
			PARAMYXOVIRUSES	
BLACK, FRANCIS L	R01 AI 18502-04	133,173	YALE UNIVERSITY EFFECT OF LOW MEASLES ANTIBODY TITER ON INFANT IMMUNITY	32

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RESEARCH GRANTS & CAREER PROGRAMS

VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			PARAMYXOVIRUSES	
BRATT, MICHAEL A	R01 AI 12467-09	183,843	UNIVERSITY OF MASSACHUSETTS MEDICAL SCH MOLECULAR BIOLOGY OF NDV MEMBRANE PROTEINS	32
BRATT, MICHAEL A	R01 AI 20762-02	112,825	UNIVERSITY OF MASSACHUSETTS MEDICAL SCH MOLECULAR GENETIC ANALYSIS OF NDV PATHOGENESIS	32
FLANAGAN, THOMAS D	R01 AI 20925-01A1	107,181	STATE UNIVERSITY OF NEW YORK AT BUFFALO CONSEQUENCES OF IMMUNE RESPONSES TO RESPIRATORY VIRUSES	51
FOY, HJORDIS M	R01 AI 18416-02	149,640	UNIVERSITY OF WASHINGTON LONG TERM STUDIES OF INFECTIONS IN FAMILIES	70
KINGSBURY, DAVID W	R01 AI 05343-22	269,634	ST. JUDE CHILDREN'S RESEARCH HOSPITAL MULTIPLICATION OF PARAMYXOVIRUSES	32
LAMBERT, DENNIS M	R01 AI 22893-03	114,977	JAMES N. GAMBLE INSTITUTE OF MEDICAL RES RESPIRATORY SYNCYTIAL VIRUS POLYPEPTIDE SYNTHESIS	51
LYLES, DOUGLAS S	R01 AI 15892-07	105,038	WAKE FOREST UNIVERSITY FUSION OF VIRUS ENVELOPE WITH CELL MEMBRANES	32
MACDONALD, ROBERT C	R01 AI 20421-01A2	47,722	NORTHWESTERN UNIVERSITY VIRUS RECEPTORS FROM PRODUCTIVELY INFECTABLE CELLS	32
MARKWELL, MARY ANN	R01 AI 22817-02	131,282	GEORGE WASHINGTON UNIVERSITY MOLECULAR IDENTIFICATION OF PARAMYXOVIRUS RECEPTORS	32
MC INTOSH, KENNETH	R01 AI 22389-01	153,020	CHILDREN'S HOSPITAL (BOSTON) EPIDEMIOLOGY AND IMMUNOLOGY OF RS VIRUS INFECTION	51
OGRA, PEARAY L	R01 AI 15939-06	129,633	CHILDREN'S HOSPITAL (BUFFALO) IMMUNE RESPONSE TO RESPIRATORY SYNCYTIAL VIRUS	51
PEEPLES, MARK E	R01 AI 21924-01A1	123,968	RUSH-PRESBYTERIAN-ST LUKES MEDICAL CTR STRUCTURAL/FUNCTIONAL MAPPING OF THE NDV MATRIX PROTEIN	32
PORTNER, ALLEN	R01 AI 11949-11	132,006	ST. JUDE CHILDREN'S RESEARCH HOSPITAL BIOSYNTHESIS OF PARAMYXOVIRUSES	32
TODD, JOHN A	R43 AI 22782-01	50,000	ENZO BIOCHEM, INC. DIAGNOSIS OF PARAMYXOVIRUS INFECTIONS	51

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VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			PARAMYXOVIRUSES	
UDEM, STEPHEN A	R01 AI 20532-01A1	209,379	YESHIVA UNIVERSITY MEASLES VIRUS: THE VIRION AND ITS REPLICATIVE STRATEGY	32
WALSH, EDWARD E	R01 AI 20608-01A1	170,520	UNIVERSITY OF ROCHESTER ANTIBODY IN RESPIRATORY SYNCYTIAL VIRUS INFECTION	51
WERTZ, GAIL T	R01 AI 20181-03	113,814	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL ANALYSIS OF RESPIRATORY SYNCYTIAL VIRUS GENE PRODUCTS	51
	18	2,437,655		
MOENCH, THOMAS R	K08 AI 00635-01A1	64,352	JOHNS HOPKINS UNIVERSITY PATHOGENESIS OF MEASLES VIRUS INFECTIONS	32
	1	64,352		
			PICORNAVIRUSES	
BALTIMORE, DAVID	R01 AI 22346-02	302,397	WHITEHEAD INSTITUTE FOR BIOMEDICAL RES MOLECULAR BIOLOGY OF PICORNAVIRUSES	32
CHOW, MARIE	R01 AI 22627-01	127,119	MASSACHUSETTS INSTITUTE OF TECHNOLOGY MOLECULAR ANALYSIS OF POLIOVIRUS NEUTRALIZING EPITOPES	32
CROWELL, RICHARD L	R01 AI 03771-24	149,419	HAHNEMANN UNIVERSITY VIRAL INTERFERENCE IN CARRIER CULTURES	32
DASGUPTA, ASIM	R01 AI 18272-05	151,160	UNIVERSITY OF CALIFORNIA LOS ANGELES IN VITRO REPLICATION OF POLIOVIRUS	32
EHRENFELD, ELVERA R	R01 AI 12387-11	175,757	UNIVERSITY OF UTAH CONTROL OF TRANSLATION IN POLIOVIRUS-INFECTED CELLS	32
EHRENFELD, ELVERA R	R01 AI 17386-04A1	146,618	UNIVERSITY OF UTAH POLIOVIRUS RNA REPLICATION	32
ETCHISON, DIANE O	R23 AI 19921-03	49,344	UNIVERSITY OF CALIFORNIA DAVIS POLIOVIRUS-INDUCED ALTERATIONS IN PROTEIN SYNTHESIS	32

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VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			PICORNAVIRUSES	
FLANEGAN, JAMES B	R01 AI 15539-07	114,212	UNIVERSITY OF FLORIDA MOLECULAR BIOLOGY OF POLIOVIRUS RNA REPLICATION	32
HOGLE, JAMES M	R01 AI 20566-02	160,913	SCRIPPS CLINIC AND RESEARCH FOUNDATION HIGH RESOLUTION CRYSTALLOGRAPHIC STUDIES OF POLIOVIRUS	32
MONTO, ARNOLD S	R01 AI 19216-03	0*	UNIVERSITY OF MICHIGAN AT ANN ARBOR RHINOVIRUS INFECTIONS: EPIDEMIOLOGY AND CONTROL	51
MORROW, CASEY D	R23 AI 23596-01	44,800	UNIVERSITY OF ALABAMA AT BIRMINGHAM HOST CELL KINASE REQUIRED FOR POLIOVIRUS REPLICATION	32
PALMENBERG, ANN C	R01 AI 17331-05	103,540	UNIVERSITY OF WISCONSIN MADISON PROTEOLYTIC REGULATION OF PICORNAVIRAL MORPHOGENESIS	32
PHILLIPS, BRUCE A	R01 AI 20135-03	91,404	UNIVERSITY OF PITTSBURGH ASSEMBLY OF MAMMALIAN VIRUSES IN VITRO	32
RACANIELLO, VINCENT R	R01 AI 20017-03	130,970	COLUMBIA UNIVERSITY NEW YORK STUDIES OF POLIOVIRUS USING INFECTIOUS VIRAL CDNA CLONES	32
SEMLER, BERT L	R01 AI 22693-01	125,984	UNIVERSITY OF CALIFORNIA IRVINE POLIOVIRUS GENE FUNCTION AND REGULATION	32
WIMMER, ECKARD A	R01 AI 15122-12	229,458	STATE UNIVERSITY NEW YORK STONY BROOK POLIOVIRUS MOLECULAR BIOLOGY AND SURFACE STRUCTURE	32
	16	2,103,095		
FLANEGAN, JAMES B	K04 AI 00523-03	52,915	UNIVERSITY OF FLORIDA STUDIES OF THE MECHANISM OF POLIOVIRUS RNA REPLICATION	32
	1	52,915		
			RHABDOVIRUSES	
EMERSON, SUZANNE U	R01 AI 11722-12	142,104	UNIVERSITY OF VIRGINIA CHARLOTTESVILLE VESICULAR STOMATITIS VIRUS RNA SYNTHESIS	32

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VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			RHABDOVIRUSES	
ETCHISON, JAMES R	R01 AI 17267-05	96,510	UNIVERSITY OF CALIFORNIA DAVIS PROCESSING AND ASSEMBLY OF VIRUS GLYCOPROTEINS	32
HUANG, ALICE S	R01 AI 20896-04	216,879	CHILDREN'S HOSPITAL (BOSTON) REPLICATION OF VESICULAR STOMATITIS VIRUS	32
KEENE, JACK D	R01 AI 16099-06	86,844	DUKE UNIVERSITY REPLICATIVE MECHANISMS OF THE NEGATIVE STRAND VIRUSES	32
KOPROWSKI, HILARY	R22 AI 09706-15	501,923	WISTAR INSTITUTE OF ANATOMY AND BIOLOGY STUDY OF RABIES AND RABIES VIRUS ANTIGENS	32
LENARD, JOHN	R01 AI 13002-10	240,408	UNIV OF MED/DENT NJ-RUTGERS MEDICAL SCH VSV STRUCTURE, BUDDING, ENTRY USING MEMBRANE MUTANTS	32
LESNAW, JUDITH A	R01 AI 13574-09A1	125,945	UNIVERSITY OF KENTUCKY REPLICATION OF NEGATIVE STRAND RNA VIRUSES	32
LUCAS-LENARD, JEAN M	R01 AI 15898-15	145,771	UNIVERSITY OF CONNECTICUT STORRS TRANSLATIONAL CONTROL MECHANISMS	32
MOYER, SUE A	R01 AI 14594-08	199,688	VANDERBILT UNIVERSITY REPLICATION AND INTERFERENCE OF RNA VIRUSES	32
PERRAULT, JACQUES	R01 AI 21572-02	118,160	SAN DIEGO STATE UNIVERSITY VSV POLYMERASE REGULATION AND DI REPLICATION	32
SCHLESINGER, SONDRA	R22 AI 11377-12	175,728	WASHINGTON UNIVERSITY STRUCTURE AND REPLICATION OF ENVELOPED RNA VIRUSES	32
WAGNER, ROBERT R	R01 AI 11112-19	267,792	UNIVERSITY OF VIRGINIA CHARLOTTESVILLE CELLULAR RESISTANCE TO VIRAL INFECTION	32
WAGNER, ROBERT R	R01 AI 21652-01	103,021	UNIVERSITY OF VIRGINIA CHARLOTTESVILLE MATRIX PROTEINS OF ENVELOPED VIRUSES	32
WERTZ, GAIL T	R01 AI 12464-10	124,156	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL STUDIES OF VIRAL RIBONUCLEIC ACID REPLICATION	32
WUNNER, WILLIAM H	R22 AI 18562-04	176,153	WISTAR INSTITUTE OF ANATOMY AND BIOLOGY CELL MEMBRANE RECEPTORS FOR VIRUSES	32

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VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			RHABDOVIRUSES	
WUNNER, WILLIAM H	R22 AI 18883-04	146,628	WISTAR INSTITUTE OF ANATOMY AND BIOLOGY STUDY OF NUCLEOTIDE SEQUENCES ENCODING ANTIGENIC SITES	32
	16	2,867,757		
			CORONAVIRUSES	
HOLMES, KATHRYN V	R01 AI 18997-04	101,753	U.S. UNIFORMED SERVICES UNIV OF HLTH SCI CORONAVIRUS REPLICATION	32
LAI, MICHAEL M C	R01 AI 19244-04	197,001	UNIVERSITY OF SOUTHERN CALIFORNIA HEPATITIS VIRUS RNA SYNTHESIS	32
WEISS, SUSAN R	R01 AI 17418-05	141,497	UNIVERSITY OF PENNSYLVANIA CORONAVIRUSES: MOLECULAR BIOLOGY AND PERSISTENCE	32
	3	440,251		
			TOGAVIRUSES	
BRINTON, MARGO A	R22 AI 18382-03	133,565	WISTAR INSTITUTE OF ANATOMY AND BIOLOGY CELLULAR GENE PRODUCT MODULATES FLAVIVIRUS RNA SYNTHESIS	32
BROWN, DENNIS T	R22 AI 14710-06	122,058	UNIVERSITY OF TEXAS AUSTIN DEVELOPMENT OF A VIRUS MEMBRANE	32
BROWN, DENNIS T	R22 AI 19545-03	87,828	UNIVERSITY OF TEXAS AUSTIN ARBOVIRUS GROWTH IN CULTURED INSECT CELLS	32
CROSS, RISE K	R22 AI 20599-02	64,121	SLOAN-KETTERING INSTITUTE FOR CANCER RES TOGAVIRUS RNA REPLICATION: ROLE OF VIRAL PROTEINS	32
DE FOLIART, GENE R	R01 AI 07453-19	90,706	UNIVERSITY OF WISCONSIN MADISON TRANSMISSION AND CONTROL OF CALIFORNIA-GROUP VIRUSES	32
FREY, TERYL K	R23 AI 21389-02	45,104	GEORGIA STATE UNIVERSITY MOLECULAR BIOLOGY OF RUBELLA VIRUS	32
GARRY, ROBERT F	R01 AI 22720-01	91,438	TULANE UNIVERSITY OF LOUISIANA VIRAL EFFECTS ON MEMBRANE ASSOCIATED TRANSPORT SYSTEMS	32

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VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			TOGAVIRUSES	
HARDY, JAMES L	R22 AI 03028-27	540,770	UNIVERSITY OF CALIFORNIA BERKELEY ECOLOGY AND CONTROL OF ARBOVIRUSES	32
JOHNSTON, ROBERT E	R22 AI 19433-03	82,160	NORTH CAROLINA STATE UNIVERSITY RALEIGH EARLY SINDBIS PROTEINS IN LYTIC AND PERSISTENT INFECTION	32
MAIN, ANDREW J, JR	R22 AI 10984-14	166,770	YALE UNIVERSITY SUPPORT FOR WORLD REFERENCE CENTER FOR ARBOVIRUSES	32
ROSEN, LEON	R01 AI 17952-06	221,998	UNIVERSITY OF HAWAII AT MANOA TRANSOVARIAL TRANSMISSION OF ENCEPHALITIS VIRUSES	32
SAWICKI, DOROTHEA L	R22 AI 15123-08	98,742	MEDICAL COLLEGE OF OHIO AT TOLEDO REGULATION OF ALPHAVIRUS TRANSCRIPTION	32
SCHLESINGER, MILTON J	R01 AI 19494-13	147,433	WASHINGTON UNIVERSITY RNA-ENVELOPE VIRUS FORMATION IN ANIMAL CELLS	32
SCOTT, THOMAS W	R22 AI 20675-02	61,024	UNIVERSITY OF MARYLAND COLLEGE PK CAMPUS EFFECTS OF HOST ARBOVIRAL INFECTION ON MOSQUITO FEEDING	32
STOLLAR, VICTOR	R22 AI 05920-23	213,096	UNIV OF MED/DENT NJ-RUTGERS MEDICAL SCH ARBOVIRUS REPLICATION IN MOSQUITO AND VERTEBRATE CELLS	32
STOLLAR, VICTOR	R22 AI 11290-09	0*	UNIV OF MED/DENT NJ-RUTGERS MEDICAL SCH GENTIC & BIOCHEMICAL STUDIES OF CULTURED MOSQUITO CELLS	32
STRAUSS, JAMES H	R22 AI 20612-02	102,989	CALIFORNIA INSTITUTE OF TECHNOLOGY TOGAVIRUS REPLICATION STRATEGIES AND EVOLUTION	32
YUILL, THOMAS M	R22 AI 00771-28	87,134	UNIVERSITY OF WISCONSIN MADISON WILDLIFE RESERVOIRS OF ARBOVIRUSES	32
	18	2,357,836		
SAWICKI, DOROTHEA L	K04 AI 00510-04	55,296	MEDICAL COLLEGE OF OHIO AT TOLEDO REGULATION OF ALPHAVIRUS TRANSCRIPTION	32
	1	55,296		

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VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ARENAVIRUSES	
BUCHMEIER, MICHAEL J	R01 AI 16102-07	168,138	SCRIPPS CLINIC AND RESEARCH FOUNDATION BIOLOGY AND BIOCHEMISTRY OF ARENAVIRUSES	32
	1	168,138		
			REOVIRUSES	
BRYAN, ROBERT N	R43 AI 22740-01	50,000	MOLECULAR BIOSYSTEMS, INC. A SENSITIVE DNA HYBRIDIZATION TEST FOR ROTAVIRUS RNA	63
ESTES, MARY K	R22 AI 20649-02	103,626	BAYLOR COLLEGE OF MEDICINE ANTIGENIC VARIATION OF HUMAN ROTAVIRUSES	32
FIELDS, BERNARD N	R01 AI 13178-10	313,601	HARVARD UNIVERSITY GENETICS OF REOVIRUS	32
GENTSCH, JON R	R01 AI 18848-03	106,768	UNIVERSITY OF PENNSYLVANIA IDENTIFICATION OF REOVIRUS RECEPTORS ON MAMMALIAN CELLS	32
GREENBERG, HARRY B	R22 AI 21362-02	152,457	STANFORD UNIVERSITY VIRAL GASTROENTERITIS: BASIS OF VIRULENCE AND PROTECTION	32
JOKLIK, WOLFGANG K	R01 AI 08909-18	342,893	DUKE UNIVERSITY MACROMOLECULAR SYNTHESIS IN VIRUS-INFECTED CELLS	32
OFFIT, PAUL	R23 AI 23493-01	51,450	STANFORD UNIVERSITY IMMUNE PROTECTION AGAINST ROTAVIRUS INFECTION	32
PARROTT, ROBERT H	R01 AI 17757-05	162,688	CHILDREN'S HOSP NATL MED CTR (WASH, DC) INFECTIOUS ENTERIC DISEASE: EPIDEMIOLOGY & PATHOGENESIS	64
PATTON, JOHN T	R22 AI 21478-01A1	98,693	UNIVERSITY OF SOUTH FLORIDA VIRAL PROTEINS IN ROTAVIRUS REPLICATION	32
RAMIG, ROBERT F	R22 AI 16687-06	65,808	BAYLOR COLLEGE OF MEDICINE GENETICS OF THE ROTAVIRUSES	32
RAMIG, ROBERT F	R22 AI 21494-02	65,994	BAYLOR COLLEGE OF MEDICINE GENETICS AND PATHOGENESIS OF BLUETONGUE VIRUS	32

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VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			REOVIRUSES	
RIEPENHOFF-TALTY, MARIE	R22 AI 21033-01A1	73,449	CHILDREN'S HOSPITAL (BUFFALO) EFFECTS OF MALNUTRITION ON ROTAVIRUS INFECTION/IMMUNITY	62
SAIF, LINDA J	R22 AI 21621-02	74,411	OHIO STATE UNIVERSITY IMMUNITY AGAINST ENTERIC VIRAL INFECTIONS	64
	13	1,661,838		
DASCAL, ANDRE	K11 AI 00671-01	70,552	UNIVERSITY OF MASSACHUSETTS MEDICAL SCH CELLULAR IMMUNE RESPONSES TO ROTAVIRUS INFECTION	32
RAMIG, ROBERT F	K04 AI 00433-02	52,564	BAYLOR COLLEGE OF MEDICINE GENETICS OF THE ROTAVIRUSES	32
TYLER, KENNETH L	K11 AI 00610-02	67,329	HARVARD UNIVERSITY GENETIC BASIS OF VIRAL NEUROVIRULENCE AND NEURAL SPREAD	32
VISCIDI, RAPHAEL P	K11 AI 00625-02	62,484	JOHNS HOPKINS UNIVERSITY AUGMENTED HYBRIDIZATION TECHNIQUES FOR MICROBIOLOGY	64
	4	252,929		
			BUNYAVIRUSES (RIFT VALLEY FEVER VIRUS, CALIFORNIA COMPLEX, GROUP C ARBOVIRUS	
BEATY, BARRY J	R01 AI 19683-04	135,841	COLORADO STATE UNIVERSITY BUNYAVIRUS REASSORTANTS IN VECTORS	32
BISHOP, DAVID H	R22 AI 15400-06	0*	UNIVERSITY OF ALABAMA AT BIRMINGHAM GENETIC AND MOLECULAR STUDIES OF BUNYAVIRUSES	32
DUTARY, BEDSY E	R01 AI 22122-01	75,081	GORGAS MEMORIAL INST OF TROP & PREV MED STUDIES ON THE MAINTENANCE MECHANISM OF GAMBOA VIRUS	32
GRIMSTAD, PAUL R	R01 AI 19679-03	71,605	UNIVERSITY OF NOTRE DAME ECOLOGY OF VECTORS OF JAMESTOWN CANYON VIRUS	32
KINGSFORD, LAURA	R22 AI 17931-05	129,786	CALIFORNIA STATE UNIVERSITY LONG BEACH MOLECULAR MECHANISM OF VIRUS NEUTRALIZATION	32
	5	412,313		

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VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			RETROVIRUSES	
JOHNSON, WARREN D	R01 AI 22624-01	235,459	CORNELL UNIVERSITY MEDICAL CENTER NATURAL HISTORY OF HTLV III INFECTION (AIDS) IN HAITI	72
LUCIW, PAUL A	R43 AI 22778-01	50,000	CHIRON CORPORATION GENETIC ENGINEERING APPROACHES FOR AIDS VACCINES	56
PARKS, WADE P	U01 AI 21122-02	165,376	UNIVERSITY OF MIAMI HTLV RETROVIRUS INFECTION IN HAITIANS WITH AIDS	32
RUBINSTEIN, ARYE	R01 AI 22300-01	194,944	YESHIVA UNIVERSITY INTRAVENOUS GAMMAGLOBULIN FOR AIDS AND ARC PATIENTS	32
	4	645,779		
			RNA VIRUSES, OTHER	
FULLER, FREDERICK J	R01 AI 20939-02	60,932	NORTH CAROLINA STATE UNIVERSITY RALEIGH MOLECULAR ANALYSIS OF TICK-BORNE ORTHOMYXO-LIKE VIRUSES	32
HALL, TIMOTHY C	R01 AI 22354-02	141,825	TEXAS AGRI AND MECH UNIV COLLEGE STATION INFECTIVE ROLE OF AMINO ACID BINDINC BY VIRAL RNA	32
MC GOWAN, JOHN J	R01 AI 20931-02	42,726	U.S. UNIFORMED SERVICES UNIV OF HLTH SCI THE STRUCTURE AND TRANSCRIPTION OF CORONAVIRUS RNA	32
	3	245,483		
			ADENOVIRUSES	
BURNETT, ROGER M	R01 AI 17270-06	245,791	COLUMBIA UNIVERSITY NEW YORK MOLECULAR STRUCTURE OF THE ADENOVIRUS CAPSID	32
CHALLBERG, MARK D	R01 AI 18689-04	60,643	TUFTS UNIVERSITY MECHANISMS OF ADENOVIRUS DNA REPLICATION	32
CHEN-KIANG, SELINA Y	R01 AI 19311-03	148,113	SLOAN-KETTERING INSTITUTE FOR CANCER RES RNA PROCESSING IN VITRO OF ADENOVIRUS NUCLEOPROTEINS	32

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VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ADENOVIRUSES	
ENGLER, JEFFREY A	R01 AI 20408-02	109,740	UNIVERSITY OF ALABAMA AT BIRMINGHAM INITIATION OF ADENOVIRUS-2 DNA REPLICATION	32
FLINT, SARAH J	R01 AI 17265-06	97,930	PRINCETON UNIVERSITY CELLULAR GENE EXPRESSION IN ADENOVIRUS-INFECTED CELLS	32
GINSBERG, HARO. S	R01 AI 12052-12	266,060	COLUMBIA UNIVERSITY NEW YORK BIOCHEMICAL CHANGES-ADENO-TRANSFORMED & INFECTED CELLS	32
GINSBERG, HAROLD S	R01 AI 12053-12	225,102	COLUMBIA UNIVERSITY NEW YORK STUDY OF THE MECHANISMS OF VIRAL ECLIPSE AND ASSEMBLY	32
GOLDENBERG, CARLOS J	R01 AI 19370-04	149,711	WASHINGTON UNIVERSITY GENE EXPRESSION AND SPLICING OF ADENOVIRUS MESSENGER RNA	32
HEARING, PATRICK	R23 AI 20412-03	47,522	STATE UNIVERSITY NEW YORK STONY BROOK ANALYSIS OF AD5 E1B & E4 TRANSCRIPTIONAL CONTROL REGIONS	32
HORWITZ, MARSHALL S	U01 AI 21105-02	127,230	YESHIVA UNIVERSITY ADENOVIRUSES AS A COFACTOR AND IMMUNE MODULATOR IN AIDS	32
KETNER, GARY W	R01 AI 21007-02	74,663	JOHNS HOPKINS UNIVERSITY THE GENETICS OF THE HUMAN ADENOVIRAL VAI GENE	32
KITCHINGMAN, GEOFFREY R	R01 AI 17654-04A1	89,285	ST. JUDE CHILDREN'S RESEARCH HOSPITAL GENETIC AND BIOCHEMICAL ANALYSIS OF AD 5 REGION 2	32
KLESSIG, DANIEL F	R01 AI 23591-01	185,100	RUTGERS THE STATE UNIV NEW BRUNSWICK THE MULTIFUNCTIONAL ADENOVIRUS DNA BINDING PROTEIN	32
KLESSIG, DANIEL F	R01 AI 23593-01	119,676	RUTGERS THE STATE UNIV NEW BRUNSWICK ABORTIVE INFECTION OF CELLS BY HUMAN ADENOVIRUS	32
STILLMAN, BRUCE W	R01 AI 20460-03	225,662	COLD SPRING HARBOR LABORATORY ADENOVIRUS DNA REPLICATION	32
THIMMAPPAYA, BAYAR	R01 AI 18029-05	139,107	NORTHWESTERN UNIVERSITY STRUCTURE AND FUNCTION OF ADENOVIRUS GENOME	32
THIMMAPPAYA, BAYAR	R01 AI 20156-03	56,039	NORTHWESTERN UNIVERSITY ORGANIZATION AND EXPRESSION OF DNA TUMOR VIRUS GENOMES	32

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH GRANTS & CAREER PROGRAMS

VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ADENOVIRUSES	
TJIAN, ROBERT T	R01 AI 20868-02	73,658	UNIVERSITY OF CALIFORNIA BERKELEY EXPRESSION OF PAPOVAVIRUS TUMOR ANTIGENS	32
WEINMANN, ROBERTO	R01 AI 13231-08	160,860	WISTAR INSTITUTE OF ANATOMY AND BIOLOGY CONTROL OF ADENOVIRUS TRANSCRIPTION	32
ZAIN, SAYEEDA B	R01 AI 20505-02	149,398	UNIVERSITY OF ROCHESTER MRNA SPLICING MECHANISMS USING TUMOR NUCLEAR PROTEINS	32
	20	2,751,290		
FLINT, SARAH J	K04 AI 00441-03	55,116	PRINCETON UNIVERSITY SPLICING OF VIRAL AND CELLULAR MRNA PRECURSORS	32
GREEN, MAURICE	K06 AI 04739-24	30,593	ST. LOUIS UNIVERSITY BIOCHEMISTRY OF VIRAL REPLICATION	32
	2	85,709		
			PARVOVIRUSES (ADENO-ASSOCIATED VIRUSES)	
BERNS, KENNETH I	R01 AI 22251-02	150,415	CORNELL UNIVERSITY MEDICAL CENTER MOLECULAR BIOLOGY OF ADENO-ASSOCIATED VIRUS	32
CARMICHAEL, LELAND E	R01 AI 19817-03	100,809	CORNELL UNIVERSITY ITHACA PARVOVIRUSES: STRUCTURE AND FUNCTION	32
DOLIN, RAPHAEL	R22 AI 20070-03	0*	UNIVERSITY OF ROCHESTER STUDIES OF NORWALK-LIKE AGENTS OF VIRAL GASTROENTERITIS	32
LAUGHLIN, CATHERINE A	R01 AI 19934-02	50,860	U.S. UNIFORMED SERVICES UNIV OF HLTH SCI INTEGRATION OF HUMAN PARVOVIRUS AAV 2 DNA	32
PINTEL, DAVID J	R01 AI 21302-01A1	100,264	UNIVERSITY OF MISSOURI COLUMBIA MOLECULAR AND GENETIC ANALYSIS OF MVM GENE EXPRESSION	32
TATTERSALL, PETER J	U01 AI 21118-02	148,838	YALE UNIVERSITY ASSESSMENT OF A POSSIBLE PARVOVIRAL COFACTOR IN AIDS	32

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			PARVOVIRUSES (ADENO-ASSOCIATED VIRUSES)	
WARD, DAVID C	R01 AI 19973-03	217,183	YALE UNIVERSITY MOLECULAR AND GENETIC ANALYSIS OF PARVOVIRUS REPLICATION	32
	7	768,369		
			HERPESVIRUSES	
ADLER, STUART P	R01 AI 17069-06	168,975	VIRGINIA COMMONWEALTH UNIVERSITY EPIDEMIOLOGY OF CYTOMEGALOVIRUS INFECTIONS	32
ARVIN, ANN M	R01 AI 20459-03	88,235	STANFORD UNIVERSITY IMMUNITY & VIRAL REPLICATION IN CHILDREN WITH VARICELLA	32
ARVIN, ANN M	R01 AI 22280-01	64,786	STANFORD UNIVERSITY PRIMARY VZV INFECTION/IMMUNITY	32
AURELIAN, LAURE	R01 AI 22192-02	132,001	UNIVERSITY OF MARYLAND AT BALTIMORE CMI TO HSV-2 ANTIGENS IN GENITAL HERPES INFECTIONS	32
COEN, DONALD M	R01 AI 19838-03	161,736	HARVARD UNIVERSITY MOLECULAR GENETICS OF HSV DNA POLYMERASE GENE	32
COHEN, GARY H	R01 AI 18289-05	167,645	UNIVERSITY OF PENNSYLVANIA STUDIES OF GLYCOPROTEIN D OF HERPES SIMPLEX VIRUS	56
COREY, LAWRENCE	R01 AI 18649-04	153,810	UNIVERSITY OF WASHINGTON CYTOMEGALOVIRUS EPIDEMIOLOGY AND SEXUAL TRANSMISSION	32
COREY, LAWRENCE	R01 AI 20381-03	320,887	CHILDREN'S ORTHOPEDIC HOSPITAL-MED CTR CLINICAL EPIDEMIOLOGY - PATHOGENESIS OF GENITAL	32
EDSON, CLARK MC WHORTER	R01 AI 21674-01	149,336	TUFTS UNIVERSITY VARICELLA-ZOSTER VIRUS MEMBRANE ANTIGENS	56
FELDMAN, LAWRENCE T	R01 AI 20953-01A1	105,465	UNIVERSITY OF CALIFORNIA LOS ANGELES BIOCHEMICAL/GENETIC ANALYSIS OF HERPESVIRUS ICP4 PROTEIN	32
FRENKEL, NIZA B	R01 AI 15488-07	130,229	UNIVERSITY OF CHICAGO REPLICATION AND EXPRESSION OF HERPES SIMPLEX VIRUS DNA	32

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			HERPESVIRUSES	
GARDNER, MURRAY B	R01 AI 20573-03	$49,778*	UNIVERSITY OF CALIFORNIA DAVIS SIMIAN ACQUIRED IMMUNODEFICIENCY SYNDROME	32
GERSHON, ANNE A	R01 AI 12814-09S1	95,237	NEW YORK UNIVERSITY VZ VIRUS: CLINICAL IMPLICATIONS OF IMMUNITY	56
GIBSON, D WADE	R01 AI 13718-09	177,070	JOHNS HOPKINS UNIVERSITY HERPESVIRUS PROTEIN SYNTHESIS AND VIRION ASSEMBLY	32
GIBSON, D WADE	R01 AI 22711-01	91,971	JOHNS HOPKINS UNIVERSITY CYTOMEGALOVIRUS PROTEINS: IMMUNOCHEMICAL STUDIES	32
GROSE. CHARLES F	R01 AI 22795-01	117,774	UNIVERSITY OF IOWA ANTIGENIC DETERMINANTS OF VARICELLA VIRUS	56
GRUMET, F CARL	R01 AI 22557-01	95,882	STANFORD UNIVERSITY HUMAN MONOCLONAL ANTIBODIES TO CYTOMEGALOVIRUS	32
HAYWARD, ANTHONY R	R01 AI 18941-03	75,242	UNIVERSITY OF COLORADO HLTH SCIENCES CTR POTENTIAL FOR VIRUS IMMUNOTHERAPY BY T CELL BLASTS	32
HO, MONTO	R01 AI 19377-03	180,959	UNIVERSITY OF PITTSBURGH HERPESVIRUS INFECTIONS IN TRANSPLANT PATIENTS	32
HO, MONTO	R01 AI 19719-02	364,032	UNIVERSITY OF PITTSBURGH EPIDEMIOLOGY OF GENITAL HERPES	32
HOLLAND, THOMAS C	R01 AI 22162-01	69,796	WAYNE STATE UNIVERSITY FUNCTIONAL DOMAINS OF HSV-1 GLYCOPROTEINS GB AND GC	32
HUANG, ENG-SHANG	R01 AI 12717-09A2	101,082	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL ANALYSIS OF HUMAN CYTOMEGALOVIRUSES	32
HUTT-FLETCHER, LINDSEY M	R01 AI 20662-02	107,550	UNIVERSITY OF FLORIDA INITIATION OF CELL INFECTION WITH EPSTEIN-BARR VIRUS	32
INFANTE, ANTHONY J	R01 AI 22337-01	100,010	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT IMMUNE CELL INTERACTIONS IN THE RESPONSE TO EB VIRUS	32
KILPATRICK, BILL A	R01 AI 21367-02	116,000	WAKE FOREST UNIVERSITY STUDY OF RNA POLYMERASE III RNA OF HCMV AND THE RNP FORM	32

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RESEARCH GRANTS & CAREER PROGRAMS

VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			HERPESVIRUSES	
KNIPE, DAVID M	R01 AI 20530-02	137,129	HARVARD UNIVERSITY MATURATION OF HERPESVIRAL NUCLEAR PROTEINS	32
LEVINE, MYRON	R01 AI 18228-05	231,601	UNIVERSITY OF MICHIGAN AT ANN ARBOR GENETICS OF HERPESVIRUS-HOST CELL INTERACTIONS	32
MC KNIGHT, STEVEN L	R01 AI 22798-01	141,851	CARNEGIE INSTITUTION OF WASHINGTON, DC STRUCTURE AND FUNCTION OF A THYMIDINE KINASE GENE	32
MILLER, I GEORGE, JR	P01 AI 14741-07	401,864	YALE UNIVERSITY PATHOGENESIS AND BIOLOGY OF EB VIRUS INFECTIONS	32
MILLER, I GEORGE, JR	U01 AI 21186-02	194,201	YALE UNIVERSITY RETROVIRUSES AND OTHER VIRAL COFACTORS IN AIDS	32
MOCARSKI, EDWARD S, JR	R01 AI 20211-02	142,120	STANFORD UNIVERSITY CYTOMEGALOVIRUS DNA REPLICATION AND INVERSION	32
MOORHEAD, JOHN W	R01 AI 17873-04A1	111,448	UNIVERSITY OF COLORADO HLTH SCIENCES CTR DELAYED HYPERSENSITIVITY TO HERPES SIMPLEX VIRUS	32
MULDER, CAREL	U01 AI 21129-02	94,507	UNIVERSITY OF MASSACHUSETTS MEDICAL SCH MOLECULAR BIOLOGICAL STUDIES ON THE ETIOLOGY OF AIDS	32
MYERS, MARTIN G	R01 AI 21825-01	91,381	CHILDREN'S HOSPITAL MED CTR (CINCINNATI) VARICELLA ZOSTER VIRUS INFECTION	32
NAHMIAS, ANDRE J	P01 AI 19554-04	469,410	EMORY UNIVERSITY EPIDEMIOLOGY AND NATURAL HISTORY OF GENITAL HERPES	32
NAHMIAS, ANDRE J	R01 AI 22695-01	97,610	EMORY UNIVERSITY EPIDEMIOLOGY AND GENETICS OF HERPES ANTIBODY RESPONSES	55
NELSON, JAY A	R01 AI 21640-01	113,977	SCRIPPS CLINIC AND RESEARCH FOUNDATION MOLECULAR ASPECTS OF CYTOMEGALOVIRUS LATENCY	32
O'CALLAGHAN, DENNIS J	R01 AI 22001-02	141,017	LOUISIANA STATE UNIV MED CTR SHREVEPORT STUDY OF NUCLEIC ACIDS OF HERPESVIRUS INFECTED CELLS	32
OPENSHAW, HARRY O	R01 AI 22302-01	81,643	CITY OF HOPE NATIONAL MEDICAL CENTER OCULAR HERPES: ROLE OF CMI IN PROTECTION BY VACCINATION	32

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VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			HERPESVIRUSES	
PEREIRA, LENORE	R01 AI 23592-01	140,338	UNIVERSITY OF CALIFORNIA SAN FRANCISCO INTERACTION OF CMV WITH HOST CELLS	32
PERSON, STANLEY	R01 AI 11513-12	90,671	PENNSYLVANIA STATE UNIVERSITY PARK THE MECHANISM OF VIRUS INDUCED CELL FUSION	32
PREBLE, OLIVIA T	U01 AI 21134-02	51,840	U.S. UNIFORMED SERVICES UNIV OF HLTH SCI INFECTIOUS ETIOLOGY OF AIDS IN HEMOPHILIACS	32
PRITCHETT, RANDALL F	R01 AI 20104-03	64,937	UNIVERSITY OF CALIFORNIA DAVIS TRANSCRIPTION OF THE CYTOMEGALOVIRUS GENOME	32
RAND, KENNETH H	R01 AI 20297-03	60,778	UNIVERSITY OF FLORIDA LIFE STRESS--IMPACT ON GENITAL HERPES RECURRENCES	32
READ, GEORGE S, JR	R01 AI 21501-02	88,524	LOYOLA UNIVERSITY MEDICAL CENTER TRANSLATIONAL CONTROL IN HSV INFECTED CELLS	32
RINALDO, CHARLES R, JR	R01 AI 16212-06	130,463	UNIVERSITY OF PITTSBURGH CELL MEDIATED IMMUNITY DURING CYTOMEGALOVIRUS INFECTION	32
ROUSE, BARRY T	R01 AI 14981-08	179,148	UNIVERSITY OF TENNESSEE KNOXVILLE IMMUNITY MECHANISMS IN HERPESVIRUS INFECTIONS	32
RUYECHAN, WILLIAM T	R01 AI 18449-04	63,342	U.S. UNIFORMED SERVICES UNIV OF HLTH SCI STRUCTURE AND FUNCTION OF VARICELLA ZOSTER DNA	32
RUYECHAN, WILLIAM T	R01 AI 22468-01	46,500	U.S. UNIFORMED SERVICES UNIV OF HLTH SCI PROTEINS INVOLVED IN REPLICATION & EXPRESSION OF HSV DNA	32
SANDRI-GOLDIN, ROZANNE M	R01 AI 21515-02	112,703	UNIVERSITY OF CALIFORNIA IRVINE HERPES SIMPLEX VIRUS GENE REGULATION	32
SCHAFFER, PRISCILLA A	R01 AI 18585-03	104,343	DANA-FARBER CANCER INSTITUTE HSV GLYCOPROTEINS: GENETICS, BIOCHEMISTRY AND IMMUNOLOGY	32
SCHMIDT, NATHALIE J	R01 AI 15990-06	122,098	CALIFORNIA STATE DEPT OF HEALTH SERVICES CHARACTERIZATION OF VARICELLA ANTIGENS & IMMUNE RESPONSE	63
SCOTT, ALAN L	R43 AI 22775-01	50,000	MOLECULAR DIAGNOSTIC SYSTEMS, INC. MOLECULAR DIAGNOSTICS FOR EPSTEIN BARR VIRUS	63

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			HERPESVIRUSES	
SILVERSTEIN, SAUL J	R01 AI 19724-03	131,708	COLUMBIA UNIVERSITY NEW YORK GENE REGULATION IN CELLS INFECTED WITH HERPESVIRUSES	32
SPINA, CELSA A	R23 AI 19952-03	43,989	UNIVERSITY OF CALIFORNIA LOS ANGELES LYMPHOCYTE RESPONSE AND REGULATION IN HERPES INFECTION	32
STACZEK, JOHN	R23 AI 21996-02	42,107	LOUISIANA STATE UNIV MED CTR SHREVEPORT TRANSCRIPTIONAL PATTERNS IN HERPESVIRUS INFECTED CELLS	32
STANBERRY, LAWRENCE R	R01 AI 22667-01	96,746	CHILDREN'S HOSPITAL MED CTR (CINCINNATI) VIRAL PERSISTENCE: STUDIES WITH HERPES SIMPLEX VIRUS	32
STARR, STUART E	R01 AI 19459-03	60,991	ST. JOSEPH'S HOSPITAL (PHILADELPHIA) CYTOTOXICITY AGAINST HUMAN CMV-INFECTED TARGETS	32
STEVENS, JACK G	R01 AI 06246-21	370,090	UNIVERSITY OF CALIFORNIA LOS ANGELES LATENCY IN HERPESVIRUS INFECTIONS OF CELLS AND TISSUES	32
STINSKI, MARK F	R01 AI 13562-10	143,484	UNIVERSITY OF IOWA THE GENES THAT REGULATE HUMAN CYTOMEGALOVIRUS EXPRESSION	32
THORLEY-LAWSON, DAVID A	R01 AI 18757-05	131,596	TUFTS UNIVERSITY HOST IMMUNITY TO EBV INFECTION IN VITRO AND IN VIVO	32
VALENZUELA, PABLO	R43 AI 22784-01	37,095	CHIRON CORPORATION HBSAG AS A MATRIX FOR ANTIGEN PRESENTATION IN VACCINES	56
VAUGHAN, JOHN H	R01 AI 22651-01	170,190	SCRIPPS CLINIC AND RESEARCH FOUNDATION IMMUNOLOGY OF THE EPSTEIN BARR VIRUS IN AIDS	32
WELLER, SANDRA K	R01 AI 21747-01	108,959	UNIVERSITY OF CONNECTICUT HEALTH CENTER GENETICS OF HSV DNA REPLICATION	32
WILCOX, KENT W	R01 AI 17246-06	88,022	MEDICAL COLLEGE OF WISCONSIN REGULATION OF GENE EXPRESSION IN HSV INFECTED CELLS	32
WILLIAMS, JEFFREY F	R43 AI 22341-01	50,000	PROBE-TEK, INC. RECOMBINANT DNA GLYCOPROTEIN VACCINE	32
ZARLING, JOYCE M	R01 AI 23249-01	150,178	ONCOGEN HUMAN T CELL CLONES AND NK CELLS TO HERPES VIRUSES	32
	67	8,866,087		

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RESEARCH GRANTS & CAREER PROGRAMS

VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			HERPESVIRUSES	
AMBINDER, RICHARD F	K11 AI 00648-01	65,883	JOHNS HOPKINS UNIVERSITY PHYSICIAN SCIENTIST AWARD MOLECULAR BIOLOGY OF EBV	32
ARVIN, ANN M	K04 AI 00624-02	54,125	STANFORD UNIVERSITY VARICELLA-ZOSTER VIRUS--IMMUNITY AND VIRAL REPLICATION	32
HO, DAVID D	K08 AI 00685-01	65,340	MASSACHUSETTS GENERAL HOSPITAL VIRUSES, ONCOGENES & KAPOSI'S SARCOMA	32
JENSON, HAL B	K11 AI 00651-01	51,787	YALE UNIVERSITY MOLECULAR BIOLOGY OF THE DISRUPTION OF LATENCY	32
THORLEY-LAWSON, DAVID A	K04 AI 00549-03	52,216	TUFTS UNIVERSITY EBV MEMBRANE ANTIGENS AND HOST IMMUNITY TO INFECTION	32
	5	289,351		
			POXVIRUSES	
BALL, LAURENCE A	R01 AI 18270-05	105,603	UNIVERSITY OF WISCONSIN MADISON THE VACCINIA VIRUS THYMIDINE KINASE GENE	32
CONDIT, RICHARD C	R01 AI 18094-05	131,179	STATE UNIVERSITY OF NEW YORK AT BUFFALO VACCINIA VIRUS BIOCHEMICAL GENETICS	32
MOYER, RICHARD W	R01 AI 15722-06	198,629	VANDERBILT UNIVERSITY GENE REGULATION OF MAMMALIAN DNA VIRUSES	32
	3	435,411		
			PAPOVAVIRUSES	
NORKIN, LEONARD C	R01 AI 14049-08	98,786	UNIVERSITY OF MASSACHUSETTS AMHERST NEURAL CELLS PERSISTENTLY INFECTED WITH SV40, BKV OR JCV	32
	1	98,786		
CRUM, CHRISTOPHER P	K11 AI 00628-01A1	73,201	COLUMBIA UNIVERSITY NEW YORK CERVICAL NEOPLASIA AND PAPILLOMAVIRUSES	32

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RESEARCH GRANTS & CAREER PROGRAMS

VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			PAPOVAVIRUSES	
KIT, SAUL	K06 AI 02352-23	32,593	BAYLOR COLLEGE OF MEDICINE BIOCHEMICAL ASPECTS OF VIROLOGY	32
	2	105,794		
			DNA VIRUSES, OTHER	
BEAUDREAU, GEORGE S	R01 AI 21973-07	114,022	OREGON STATE UNIVERSITY NUCLEOPOLYHEDROSIS VIRUSES OF ORGYIA PSEUDOTSUGATA	32
HRUBY, DENNIS E	R01 AI 21335-02	86,038	OREGON STATE UNIVERSITY EXPRESSION AND REGULATION OF VACCINIA VIRUS LATE GENES	32
ROBERTS, BRYAN E	R01 AI 20730-02	138,462	HARVARD UNIVERSITY STRUCTURE-FUNCTION OF GENES FOR VACCINIA ENCODED ENZYMES	32
TRAKTMAN, PAULA	R01 AI 21758-01	124,215	CORNELL UNIVERSITY MEDICAL CENTER VACCINIA DNA REPLICATION: GENETICS AND MOLECULAR BIOLOGY	32
	4	462,737		
HRUBY, DENNIS E	K04 AI 00666-01	53,352	OREGON STATE UNIVERSITY VACCINIA VIRUS: EUKARYOTIC CLONING AND EXPRESSION VECTOR	32
	1	53,352		
			INTERFERON	
ANKEL, HELMUT K	R01 AI 15007-07	137,256	MEDICAL COLLEGE OF WISCONSIN INTERFERON RECEPTORS	55
BAGLIONI, CORRADO	R01 AI 16076-06	68,440	STATE UNIVERSITY OF NEW YORK AT ALBANY MECHANISMS OF INTERFERON ACTION	55
BAGLIONI, CORRADO	R01 AI 20429-03	152,348	STATE UNIVERSITY OF NEW YORK AT ALBANY RECEPTORS AND INTERFERON ACTION	55

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			INTERFERON	
BALL, LAURENCE A	R01 AI 16356-06	0*	UNIVERSITY OF WISCONSIN MADISON MECHANISM OF ACTION OF INTERFERON	55
BRANCA, ANDREW A	R23 AI 21270-01A1	59,890	ALBANY MEDICAL COLLEGE OF UNION UNIV PURIFICATION AND MECHANISM OF INTERFERON RECEPTORS	55
COLE, BARRY C	R01 AI 12103-10	128,215	UNIVERSITY OF UTAH MYCOPLASMA/CELL INTERACTIONS AND INTERFERON INDUCTION	55
CONWAY, THOMAS W	R01 AI 19342-03	77,459	UNIVERSITY OF IOWA DSRNA PROTEIN KINASES OF INTERFERON-TREATED HELA CELLS	55
ENNIS, FRANCIS A	R01 AI 19378-03	125,182	UNIVERSITY OF MASSACHUSETTS MEDICAL SCH PRODUCTION OF INTERFERON BY INFLUENZA ANTIGENS	55
ESTEBAN, MARIANO	R01 AI 16780-06	133,163	DOWNSTATE MEDICAL CENTER MECHANISM OF ACTION OF INTERFERON	55
JOHNSTON, MARGARET I	R01 AI 20162-02	50,125	U.S. UNIFORMED SERVICES UNIV OF HLTH SCI DOUBLE-STRANDED RNA AND INTERFERON ACTION	55
KLIMPEL, GARY R	R01 AI 20055-02	78,313	UNIVERSITY OF TEXAS MED BR GALVESTON INTERFERON PRODUCTION BY MOUSE BONE MARROW CELLS	55
LENGYEL, PETER	R01 AI 12320-11	217,912	YALE UNIVERSITY INTERFERON, ANIMAL VIRUSES AND PROTEIN SYNTHESIS	55
LEWIS, JOHN A	R01 AI 19725-03	101,001	DOWNSTATE MEDICAL CENTER THYMIDINE KINASE AND INTERFERON ACTION	55
MANIATIS, THOMAS P	R01 AI 20642-02	132,220	HARVARD UNIVERSITY HUMAN B-INTERFERON GENE REGULATION	55
MARCUS, PHILIP I	R01 AI 18381-15	142,646	UNIVERSITY OF CONNECTICUT STORRS HOST CELL INTERACTION OF ANIMAL VIRUSES	55
MERIGAN, THOMAS C	R01 AI 05629-23	322,530	STANFORD UNIVERSITY INTERFERON, IMMUNITY AND LATENT VIRUSES	55
MURASKO, DONNA M	R01 AI 16840-06	112,462	MEDICAL COLLEGE OF PENNSYLVANIA INTERFERON CHARACTERIZATION BY MONOCLONAL ANTIBODIES	55

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			INTERFERON	
MURRAY, HENRY W	R01 AI 21510-02	177,990	CORNELL UNIVERSITY MEDICAL CENTER ROLE & EFFECT OF GAMMA INTERFERON IN THE AIDS SYNDROME	55
OVERALL, JAMES C, JR	R01 AI 10217-16	176,539	UNIVERSITY OF UTAH INTERFERON AND HOST RESISTANCE TO VIRAL INFECTIONS	55
PITHA-ROWE, PAULA M	R01 AI 10944-11A2	172,478	JOHNS HOPKINS UNIVERSITY MULTIPLE LEVELS OF REGULATION OF IFN GENE EXPRESSION	55
PITHA-ROWE, PAULA M	R01 AI 19737-03	152,787	JOHNS HOPKINS UNIVERSITY ROLE OF INTERFERONS IN VIRAL INFECTIONS AND NEOPLASIA	55
SAMUEL, CHARLES E	R01 AI 12520-11	157,826	UNIVERSITY OF CALIFORNIA SANTA BARBARA MECHANISM OF INTERFERON ACTION	55
SAMUEL, CHARLES E	R01 AI 20611-02	113,146	UNIVERSITY OF CALIFORNIA SANTA BARBARA INTERFERON ACTION AND PROTEIN PHOSPHORYLATION	55
SEHGAL, PRAVINKUMAR B	R01 AI 16262-07	139,616	ROCKEFELLER UNIVERSITY REGULATION OF INTERFERON PRODUCTION	55
SEN, GANES C	R01 AI 22510-01	119,379	SLOAN-KETTERING INSTITUTE FOR CANCER RES ANTIVIRAL ACTIONS OF INTERFERONS	55
SREEVALSAN, THAZEPADATH	R01 AI 20296-03	88,214	GEORGETOWN UNIVERSITY ANALYSIS OF INTERFERON'S ANTIVIRAL AND ANTIGROWTH EFFECT	55
TAYLOR, MILTON W	R01 AI 21898-01	128,751	INDIANA UNIVERSITY BLOOMINGTON MOLECULAR MECHANISM OF IFN-Y INDUCTION AND ACTIVITY	55
VILCEK, JAN T	R01 AI 12948-10	217,258	NEW YORK UNIVERSITY CHARACTERIZATION OF HUMAN INTERFERON-GAMMA & CYTOTOXINS	55
	28	3,683,146		
GOLDFELD, ANNE E	K11 AI 00683-01	52,012	MASSACHUSETTS GENERAL HOSPITAL TRAINING IN INFECTIOUS DISEASE & MOLECULAR BIOLOGY	55
	1	52,012		

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RESEARCH GRANTS & CAREER PROGRAMS

VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ANTIVIRAL SUBSTANCES, OTHER	
BERGSTROM, DONALD E	R01 AI 20480-01A1	63,478	UNIVERSITY OF NORTH DAKOTA FLUORINE SUBSTITUTED NUCLEOSIDE AND NUCLEOTIDE ANALOGS	55
FISCHER, PAUL H	R01 AI 19043-04	71,728	UNIVERSITY OF WISCONSIN MADISON BIOCHEMICAL PHARMACOLOGY OF ANTIVIRAL DRUG THERAPY	55
MC KENNA, CHARLES E	R01 AI 21871-01	92,992	UNIVERSITY OF SOUTHERN CALIFORNIA BIOLOGICALLY ACTIVE FLUOROPHOSPHONATE DERIVATIVES	55
PAGANO, JOSEPH S	R01 AI 17205-06	139,904	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL ACYCLOVIR AND OTHER DRUG INHIBITION OF EBV REPLICATION	55
PAQUETTE, LEO A	R01 AI 11490-12	159,285	OHIO STATE UNIVERSITY POLYCONDENSED ALICYCLICS AND THEIR ANTIVIRAL ROLE	55
ROUSH, WILLIAM R	R01 AI 20779-05	83,289	MASSACHUSETTS INSTITUTE OF TECHNOLOGY SYNTHESIS OF ANTITUMOR EPOXYTRICHOTHECENES	55
SHANNON, WILLIAM M	R01 AI 17456-05	141,980	SOUTHERN RESEARCH INSTITUTE PRODRUGS OF 9-B-D-ARABINOFURANOSYLADENINE	55
SUMMERTON, JAMES E	R01 AI 20784-02	64,350	NEU-GENES, INC. ANTI-GENES--PROTOTYPE BROAD-SPECTRUM ANTIVIRAL AGENTS	55
TALMADGE, KAREN D	R43 AI 22322-01	50,000	CALIFORNIA BIOTECHNOLOGY INC. EXPRESSION OF NOVEL ANTI-HERPES PEPTIDES IN BACTERIA	55
	9	867,006		
LIU, CHIEN	K06 AI 01826-23	31,651	UNIVERSITY OF KANSAS COL HLTH SCI & HOSP PATHOGENETIC STUDY & DIAGNOSIS OF INFECTIOUS DISEASES	32
	1	31,651		
			BASIC VIROLOGY	
BLACK, LINDSAY W	R01 AI 11676-11	147,120	UNIVERSITY OF MARYLAND AT BALTIMORE PHAGE T4 HEAD ASSEMBLY AND INITIATION OF INFECTION	32
CALENDAR, RICHARD L	R01 AI 08722-17	114,628	UNIVERSITY OF CALIFORNIA BERKELEY DNA REPLICATION BY SATELLITE PHAGE P4 AND ITS HELPER, P2	32

(*) = ACTIVE; NO FY 1985 FUNDS

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RESEARCH GRANTS & CAREER PROGRAMS

VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			BASIC VIROLOGY	
CAMPBELL, ALLAN M	R01 AI 08573-18	271,138	STANFORD UNIVERSITY GENETICS OF LAMBDA PROPHAGE - BIOTIN OPERON	32
DAY, LOREN A	R01 AI 09049-17	220,034	PUBLIC HLTH RES INST OF THE CITY OF NY PHYSICAL CHEMISTRY OF VIRUSES AND THEIR COMPONENTS	32
EISERLING, FREDERICK A	R01 AI 14092-09	126,512	UNIVERSITY OF CALIFORNIA LOS ANGELES VIRUS MORPHOGENESIS: CONTROL OF PHAGE ASSEMBLY	32
FEISS, MICHAEL G	R01 AI 12851-10	145,505	UNIVERSITY OF IOWA VIRUS CHROMOSOME STRUCTURE: ROLE IN DEVELOPMENT	32
FIELDS, BERNARD N	R13 AI 22357-01	5,000	GORDON RESEARCH CONFERENCES GORDON CONFERENCE ON ANIMAL CELLS AND VIRUSES	32
FRASER, MALCOLM J	R01 AI 22610-01	104,358	UNIVERSITY OF NOTRE DAME TRANSPOSON MEDIATED MUTAGENESIS OF NP VIRUSES	32
GODSON, GODFREY N	R01 AI 17667-06	148,828	NEW YORK UNIVERSITY DNA REPLICATION IN SMALL VIRUSES	32
HELENIUS, ARI H	R01 AI 18582-04	176,527	YALE UNIVERSITY ENDOCYTOSIS AND MEMBRANE FUSION	32
HELENIUS, ARI H	R01 AI 18599-04	68,349	YALE UNIVERSITY CELL BIOLOGY OF VIRUS ENTRY	32
HERSKOWITZ, IRA	R01 AI 18715-04	115,536	UNIVERSITY OF CALIFORNIA SAN FRANCISCO PHAGE-HOST INTERACTIONS AND CONTROL OF PHAGE GROWTH	32
HOUSEWRIGHT, RILEY D	R13 AI 22015-01	2,000	AMERICAN SOCIETY FOR MICROBIOLOGY CONFERENCE--VIRUS ATTACHMENT AND ENTRY INTO CELLS	32
HUTCHISON, CLYDE A, III	R01 AI 08998-17	196,711	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL GENETICS AND DNA CHEMISTRY OF PHAGE PHI X-174	32
JACOBSON, ANN B	R01 AI 15273-08	113,611	STATE UNIVERSITY NEW YORK STONY BROOK STRUCTURAL STUDIES ON RNA-CONTAINING VIRAL GENOMES	32
JOHNSON, JOHN E	R01 AI 18764-04	95,275	PURDUE UNIVERSITY WEST LAFAYETTE HIGH RESOLUTION STRUCTURE OF A MULTI COMPONENT VIRUS	32

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			BASIC VIROLOGY	
KAESBERG, PAUL J	R01 AI 01466-29	137,948	UNIVERSITY OF WISCONSIN MADISON STRUCTURE AND FUNCTION OF THE GENOMES OF SMALL VIRUSES	32
KAESBERG, PAUL J	R01 AI 15342-12	133,662	UNIVERSITY OF WISCONSIN MADISON THE MECHANISM OF SYNTHESIS OF SMALL VIRUSES	32
KOZLOFF, LLOYD M	R01 AI 18370-05	127,822	UNIVERSITY OF CALIFORNIA SAN FRANCISCO CHEMISTRY OF PHAGE INVASION, STRUCTURE, AND ASSEMBLY	32
LAWRENCE, CHARLES B	R01 AI 19578-03	123,480	BAYLOR COLLEGE OF MEDICINE NUCLEAR SUBSTRUCTURE IN RNA PROCESSING AND TRANSPORT	32
LODISH, HARVEY F	R01 AI 22347-03	269,220	WHITEHEAD INSTITUTE FOR BIOMEDICAL RES SYNTHESIS AND ASSEMBLY OF VESICULAR STOMATITIS VIRAL PRO	32
MAESTRE, MARCOS F	R01 AI 08427-17	234,182	UNIVERSITY OF CALIF-LAWRENC BERKELEY LAB PHYSICAL STRUCTURE OF VIRUSES, CHROMOSOMES & CELL NUCLEI	32
MARUNIAK, JAMES E	R23 AI 20715-01A1	47,371	UNIVERSITY OF FLORIDA HOST RANGE AND VIRULENCE OF BACULOVIRUSES	32
MILLER, LOIS K	R01 AI 17338-08	133,815	UNIVERSITY OF IDAHO A GENETIC CHARACTERIZATION OF BACULOVIRUSES	32
MORRISON, TRUDY G	R01 AI 13847-08	183,269	UNIVERSITY OF MASSACHUSETTS MEDICAL SCH ASSEMBLY OF VIRAL MEMBRANES	32
NUSS, DONALD L	R01 AI 17613-04	120,363	NEW YORK STATE DEPT OF HEALTH MOLECULAR BIOLOGY OF WOUND TUMOR VIRUS TRANSMISSION	32
RAY, DAN S	R01 AI 10752-14	152,187	UNIVERSITY OF CALIFORNIA LOS ANGELES REGULATION OF M13 VIRAL DNA REPLICATION	32
REICHMANN, MANFRED E	R01 AI 12070-11	0*	UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN AUTOINTERFERENCE IN VIRUS INFECTIONS AND MALIGNANCY	32
ROSE, JOHN K	R01 AI 15481-07	240,345	SALK INSTITUTE FOR BIOLOGICAL STUDIES RIBOSOME RECOGNITION AND ANIMAL VIRUS GENE EXPRESSION	32
ROSEN, LEON	R22 AI 17995-05	173,063	UNIVERSITY OF HAWAII AT MANOA TRANSOVARIAL TRANSMISSION OF DENGUE VIRUSES	32

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			BASIC VIROLOGY	
ROSSMANN, MICHAEL G	R01 AI 11219-13	136,834	PURDUE UNIVERSITY WEST LAFAYETTE STRUCTURE OF A SMALL SPHERICAL VIRUS	32
ROTHMAN-DENES, LUCIA B	R01 AI 12575-11	164,149	UNIVERSITY OF CHICAGO NOVEL TRANSCRIBING ACTIVITIES IN N-4 INFECTED E COLI	32
SAUER, ROBERT T	R01 AI 15706-07	175,359	MASSACHUSETTS INSTITUTE OF TECHNOLOGY VIRAL PROTEINS: STRUCTURE AND ASSEMBLY PATHWAYS	32
SCHUSTER, TODD M	R01 AI 11573-12	133,674	UNIVERSITY OF CONNECTICUT STORRS BIOPHYSICAL STUDIES OF VIRUS ASSEMBLY	32
SERWER, PHILIP	R01 AI 22568-01	95,312	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT BIOCHEMISTRY AND BIOPHYSICS OF VIRUS CAPSID ASSEMBLY	32
SIX, ERICH W	R01 AI 04043-24	146,966	UNIVERSITY OF IOWA GENETIC STUDIES OF PHAGE-PROPHAGE INTERACTIONS	32
SLY, WILLIAM S	R01 AI 22359-02	105,782	ST. LOUIS UNIVERSITY ACIDIFICATION OF HOST CELL ENDOSOMES & VIRUS RESISTANCE	32
SMITH, GEORGE P	R01 AI 20564-02	76,966	UNIVERSITY OF MISSOURI COLUMBIA FILAMENTOUS PHAGE PHYSIOLOGY	32
SUMMERS, DONALD F	R01 AI 12316-10	0*	UNIVERSITY OF UTAH COMPOSITION, ASSEMBLY AND REPLICATION OF RNA VIRUSES	32
SUMMERS, MAX D	R01 AI 14755-08	78,908	TEXAS AGRI AND MECH UNIV COLLEGE STATION ORGANIZATION AND EXPRESSION OF BACULOVIRUS GENES	32
THOMAS, GEORGE J, JR	R01 AI 11855-11	109,221	SOUTHEASTERN MASSACHUSETTS UNIVERSITY MOLECULAR STRUCTURE AND INTERACTIONS OF VIRUSES	32
WOOD, WILLIAM B	R01 AI 14994-08	235,623	UNIVERSITY OF COLORADO AT BOULDER BIOCHEMISTRY AND GENETIC CONTROL OF VIRUS ASSEMBLY	32
	42	5,586,653		
KAESBERG, PAUL J	K06 AI 21942-22	33,480	UNIVERSITY OF WISCONSIN MADISON STRUCTURE AND SYNTHESIS OF VIRUSES	32
	1	33,480		

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RESEARCH GRANTS & CAREER PROGRAMS

VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			VIRAL HEPATITIS	
CHISARI, FRANCIS V	R01 AI 20001-03	249,806	SCRIPPS CLINIC AND RESEARCH FOUNDATION PATHOGENESIS OF LIVER DISEASE IN HEPATITIS	53
CUPPS, THOMAS R	R01 AI 22071-01	122,734	GEORGETOWN UNIVERSITY HBSAG SPECIFIC IMMUNE RESPONSES IN HEPATITIS	53
DREESMAN, GORDON R	R01 AI 21966-02	113,585	SOUTHWEST FOUNDATION FOR BIOMEDICAL RES IMMUNE RESPONSE TO SYNTHETIC HBSAG PEPTIDES	53
GANEM, DONALD E	R01 AI 18782-04	111,285	UNIVERSITY OF CALIFORNIA SAN FRANCISCO MOLECULAR BIOLOGY OF THE HEPATITIS B-TYPE VIRUSES	53
GANEM, DONALD E	R01 AI 22503-01	66,002	UNIVERSITY OF CALIFORNIA SAN FRANCISCO HEPATITIS B SURFACE ANTIGEN SECRETION AND ASSEMBLY	53
GRODZICKER, TERRI I	R13 AI 22056-01	4,000	COLD SPRING HARBOR LABORATORY HEPATITIS B VIRUS MEETING	53
HALPERN, MICHAEL S	R01 AI 22065-01	174,995	WISTAR INSTITUTE OF ANATOMY AND BIOLOGY DHBV INFECTION AND ASSOCIATED IMMUNITY	53
HOLLINGER, F BLAINE	R01 AI 19834-02	84,657	BAYLOR COLLEGE OF MEDICINE SYNTHETIC HEPATITIS B VACCINE STUDIES	53
HOUGHTON, MICHAEL	R43 AI 22774-01	50,000	CHIRON CORPORATION A DIAGNOSTIC & VACCINE FOR VIRAL NON-A, NON-B HEPATITIS	53
KENNEDY, RONALD C	R23 AI 22307-02	64,716	SOUTHWEST FOUNDATION FOR BIOMEDICAL RES IDIOTYPIC ANALYSIS OF THE IMMUNE RESPONSE TO HBV	53
LATHAM, PATRICIA S	R01 AI 21844-01	110,725	UNIVERSITY OF MARYLAND AT BALTIMORE PUNTA TORO MOUSE HEPATITIS: ROLE OF LIVER DERIVED CELLS	32
MASON, WILLIAM S	R01 AI 18641-04	167,689	INSTITUTE FOR CANCER RESEARCH HEPATITIS B LIKE VIRUS	53
MILICH, DAVID R	R01 AI 20720-02	83,364	SCRIPPS CLINIC AND RESEARCH FOUNDATION MHC-CONTROL AND CELL CORRELATES OF HBSAG IMMUNE RESPONSE	53

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RESEARCH GRANTS & CAREER PROGRAMS

VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			VIRAL HEPATITIS	
REYES, GREGORY R	R43 AI 22773-01	50,000	GENE LABS, INC. CLONING OF NON-A NON-B HEPATITIS VIRUS	53
ROBINSON, WILLIAM S	R01 AI 13526-10	325,594	STANFORD UNIVERSITY VIRUSES OF HEPATITIS B AND GROUND SQUIRREL HEPATITIS	53
ROBINSON, WILLIAM S	R01 AI 20551-02	173,535	STANFORD UNIVERSITY A HEPATITIS VIRUS INFECTED GROUND SQUIRREL COLONY	53
RUTTER, WILLIAM J	R01 AI 19744-04	163,086	UNIVERSITY OF CALIFORNIA SAN FRANCISCO MOLECULAR ANALYSIS OF HEPATITIS B VIRUS	53
SIDDIQUI, ALEEM	U01 AI 21182-02	92,761	UNIVERSITY OF COLORADO HLTH SCIENCES CTR HEPATITIS B VIRUS DNA AS COCARCINOGEN IN KAPOSI SARCOMA	53
SUMMERS, JESSE W	R01 AI 15166-08	208,797	INSTITUTE FOR CANCER RESEARCH REPLICATION AND PATHOGENESIS OF HEPATITIS B-LIKE VIRUSES	53
	19	2,417,331		
GARCIA, GABRIEL	K11 AI 00634-01	64,463	STANFORD UNIVERSITY EXPRESSION VECTORS OF HBSAG IN ATTENUATED PATHOGENS	53
MILICH, DAVID R	K04 AI 00585-02	51,408	SCRIPPS CLINIC AND RESEARCH FOUNDATION MHC-CONTROL & CELL CORRELATES OF HBSAG IMMUNE RESPONSE	53
	2	115,871		
BEN-PORAT, TAMAR	R01 AI 10947-14	415,895	VANDERBILT UNIVERSITY METABOLISM OF CELLS INFECTED WITH NUCLEAR DNA VIRUSES	32
CAUGHMEN, GRETCHEN B	R23 AI 22894-01	48,714	MEDICAL COLLEGE OF GEORGIA REGULATION OF HERPES PROTEINS IN PERSISTENT INFECTION	32
HOLLAND, JOHN J	R01 AI 14627-18	235,717	UNIVERSITY OF CALIFORNIA SAN DIEGO SYNTHESIS IN NORMAL, VIRUS INFECTED AND TUMOR CELLS	32
OLDSTONE, MICHAEL B	R01 AI 09484-17	215,496	SCRIPPS CLINIC AND RESEARCH FOUNDATION PATHOGENESIS OF DISEASE FROM PERSISTENT VIRAL INFECTION	32

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			PERSISTENT INFECTIONS AND CHRONIC VIRAL DISEASES	
PORTER, DAVID D	R01 AI 09476-16	156,590	UNIVERSITY OF CALIFORNIA LOS ANGELES SLOW VIRUS INFECTIONS: IMMUNOLOGIC AND VIRAL STUDIES	32
THACH, ROBERT E	R01 AI 20484-14	190,250	WASHINGTON UNIVERSITY REPLICATION OF VIRULENT AND ONCOGENIC VIRUSES	32
WALKER, DUARD L	R01 AI 11217-13	185,953	UNIVERSITY OF WISCONSIN MADISON STUDY OF A NEW HUMAN PAPOVAVIRUS	32
WELSH, RAYMOND M, JR	R01 AI 17672-06	197,008	UNIVERSITY OF MASSACHUSETTS MEDICAL SCH IMMUNITY AND VIRUS DISEASE	32
YOUNGNER, JULIUS S	R01 AI 06264-22	221,025	UNIVERSITY OF PITTSBURGH STUDIES OF CELLULAR RESISTANCE TO VIRUS INFECTIONS	32
	9	1,866,648		

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RESEARCH GRANTS & CAREER PROGRAMS

TOTAL 257 AWARDS FUNDED -- $33,067,191 *PLUS 15 GRANTS ACTIVE; NO 1985 FUNDS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			AMOEBAE	
LOEW, LESLIE M	R01 AI 22106-01	155,164	UNIVERSITY OF CONNECTICUT HEALTH CENTER BIOPHYSICAL APPROACHES TO AMOEBIASIS	40
MARCIANO-CABRAL, FRANCINE	R01 AI 21055-01A1	80,671	VIRGINIA COMMONWEALTH UNIVERSITY MECHANISMS OF NERVE CELL DAMAGE BY NAEGLERIA	40
MEZA, ISAURA	R01 AI 21304-02	18,150	NATIONAL POLYTECHNIC INSTITUTE CELL AND MOLECULAR BIOLOGY OF ENTAMOEBA HISTOLYTICA	40
PITTMAN, FRED E	R01 AI 12649-09	87,475	MEDICAL UNIVERSITY OF SOUTH CAROLINA STUDIES OF TISSUE TOXICITY OF ENTAMOEBA HISTOLYTICA	40
RAVDIN, JONATHAN I	R01 AI 18841-04	170,087	UNIVERSITY OF VIRGINIA CHARLOTTESVILLE MECHANISMS OF E HISTOLYTICA ADHERENCE AND CYTOLYSIS	40
REEVES, RICHARD E	R01 AI 02951-23	44,323	LOUISIANA STATE UNIV MED CTR NEW ORLEANS BIOCHEMISTRY OF ENTERIC AMEBA AND RELATED ORGANISMS	40
	6	555,870		
			GIARDIA	
FEELY, DENNIS E	R23 AI 20502-01A1	47,041	UNIVERSITY OF NEBRASKA LINCOLN CYTOCHEMICAL STUDIES OF GIARDIA DUODENALIS	40
GILLIN, FRANCES D	R01 AI 19863-04	207,631	UNIVERSITY OF CALIFORNIA SAN DIEGO SECRETORY DEFENSES AGAINST GIARDIA LAMBLIA	40
MARR, J JOSEPH	R01 AI 21580-01	83,870	UNIVERSITY OF COLORADO HLTH SCIENCES CTR PURINE METABOLISM AND CHEMOTHERAPY IN GIARDIA LAMBLIA	40
	3	338,542		
			TRICHOMONAS	
ALDERETE, JOHN F	R01 AI 18768-04	112,663	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT BIOLOGY AND VIRULENCE OF TRICHOMONAS VAGINALIS	40

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RESEARCH GRANTS & CAREER PROGRAMS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			TRICHOMONAS	
KRIEGER, JOHN N	R23 AI 21422-01A1	48,020	UNIVERSITY OF WASHINGTON PATHOGENESIS AND DIFFERENTIATION T VAGINALIS STRAINS	40
LINDMARK, DONALD G	R01 AI 36680-01	119,422	CLEVELAND STATE UNIVERSITY MEMBRANE BIOCHEMISTRY OF TRICHOMONADS	40
MATTERN, CARL F	R01 AI 19587-02	76,101	JOHNS HOPKINS UNIVERSITY METRONIDAZOLE RESISTANCE IN TRICHOMONAS VAGINALIS	40
MULLER, MIKLOS	R01 AI 11942-11	145,762	ROCKEFELLER UNIVERSITY BIOCHEMICAL CYTOLOGY OF TRICHOMONAS VAGINALIS	40
WANG, CHING C	R01 AI 19391-04	217,268	UNIVERSITY OF CALIFORNIA SAN FRANCISCO PURINE/PYRIMIDINE METABOLISM IN TRICHOMONAS AND GIARDIA	40
	6	719,236		
ALDERETE, JOHN F	K04 AI 00584-02	54,864	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT VIRULENCE OF TRICHOMONAS VAGINALIS & TREPONEMA PALLIDUM	40
	1	54,864		
			TOXOPLASMA	
BOOTHROYD, JOHN C	R01 AI 21423-01A1	119,424	STANFORD UNIVERSITY SURFACE ANTIGENS OF TOXOPLASMA GONDII AND THEIR GENES	40
FRENKEL, JACOB K	R01 AI 07489-19	181,030	UNIVERSITY OF KANSAS COL HLTH SCI & HOSP TOXOPLASMOSIS: ITS TRANSMISSION AND PREVENTION	40
KASPER, LLOYD H	R01 AI 19613-03	113,586	DARTMOUTH COLLEGE TOXOPLASMA GONDII: ANTIGENIC CHARACTERIZATION & IMMUNITY	40
MC LEOD, RIMA L	R01 AI 16945-04A2	127,985	MICHAEL REESE HOSP & MED CTR (CHICAGO) IMMUNE RESPONSE TO INGESTED TOXOPLASMA	40
PFEFFERKORN, ELMER R	R01 AI 14151-08	198,598	DARTMOUTH COLLEGE TOXOPLASMA GONDII: CELL BIOLOGY AND GENETICS	40

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RESEARCH GRANTS & CAREER PROGRAMS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			TOXOPLASMA	
REMINGTON, JACK S	R01 AI 04717-24	520,338	PALO ALTO MEDICAL FOUNDATION RES INST TOXOPLASMOSIS: NATURE OF INFECTION AND IMMUNE RESPONSE	40
SCHWARTZMAN, JOSEPH D	R23 AI 19842-03	49,260	UNIVERSITY OF VIRGINIA CHARLOTTESVILLE STUDIES OF THE CELL BIOLOGY OF TOXOPLASMA GONDII	40
	7	1,310,221		
			COCCIDIA & SARCOCYSTIS	
MA, PEARL	U01 AI 20674-03	139,963	ST. VINCENT'S HOSP & MED CTR NEW YORK PREVALENCE AND PATHOGENESIS OF CRYPTOSPORIDIOSIS	64
MILLER, RICHARD A	R01 AI 21953-02	80,354	UNIVERSITY OF WASHINGTON HUMORAL IMMUNITY TO CRYPTOSPORIDIUM IN PRIMATES	40
	2	220,317		
			PLASMODIA	
AIKAWA, MASAMICHI	R01 AI 10645-14	134,121	CASE WESTERN RESERVE UNIVERSITY ELECTRON MICROSCOPY OF PLASMODIUM - HOST INTERACTIONS	40
AIKAWA, MASAMICHI	R01 AI 19088-03	149,750	CASE WESTERN RESERVE UNIVERSITY SURFACE PROPERTIES AND ANTIGENS OF PLASMODIAL SPOROZOITE	40
CABANTCHIK, Z IOAV	R01 AI 20342-03	47,840	HEBREW UNIVERSITY OF JERUSALEM MALARIA INFECTED CELLS: TRANSPORT PROPERTIES	40
ECKMAN, JAMES R	R01 AI 19514-03	98,950	EMORY UNIVERSITY REDOX STATUS OF RED CELLS INFECTED WITH P FALCIPARUM	40
GODSON, G NIGEL	R01 AI 21496-02	164,164	NEW YORK UNIVERSITY MOLECULAR BIOLOGY OF THE MALARIA ORGANISM P. KNOWLESI	40
INSELBURG, JOSEPH W	R01 AI 20437-03	161,877	DARTMOUTH COLLEGE ISOLATION AND STUDY OF MUTANTS OF PLASMODIUM FALCIPARUM	40
INSELBURG, JOSEPH W	R01 AI 22038-01	142,358	DARTMOUTH COLLEGE PLASMODIUM FALCIPARUM ANTIGENS FOR VACCINE PRODUCTION	40

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RESEARCH GRANTS & CAREER PROGRAMS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			PLASMODIA	
IRVING, DAVID	R23 AI 19604-03	57,242	ROCKEFELLER UNIVERSITY HISTIDINE RICH PROTEIN GENE EXPRESSION IN MALARIA	40
KILEJIAN, ARAXIE	R01 AI 19845-03	211,932	PUBLIC HLTH RES INST OF THE CITY OF NY HOST-PARASITE INTERACTIONS IN MALARIA	40
KROGSTAD, DONALD J	R01 AI 18911-03	109,252	WASHINGTON UNIVERSITY IMIDAZOLES AND DRUG-RESISTANT PLASMODIUM FALCIPARUM	40
LONG, CAROLE A	R01 AI 21089-01A1	117,959	HAHNEMANN UNIVERSITY IDIOTYPY AND IMMUNITY TO MALARIA	40
MARAMOROSCH, KARL	R01 AI 18345-03	148,868	RUTGERS THE STATE UNIV NEW BRUNSWICK SPOROGONY OF MALARIA PARASITES IN MOSQUITO CELL CULTURES	40
NUSSENZWEIG, RUTH S	R01 AI 17429-05	135,934	NEW YORK UNIVERSITY PROTECTIVE ANTIGENS OF FALCIPARUM SPOROZOITES	40
NUSSENZWEIG, RUTH S	P01 AI 21642-01	500,274	NEW YORK UNIVERSITY FUNCTION AND VARIABILITY OF PLASMODIAL ANTIGENS	40
PERKINS, MARGARET E	R23 AI 19585-03	59,610	ROCKEFELLER UNIVERSITY PLASMODIUM FALCIPARUM INVASION OF HUMAN ERYTHROCYTES	40
POLLACK, SIMEON	R01 AI 20057-01A2	129,274	YESHIVA UNIVERSITY METABOLISM OF THE MALARIA PARASITE	40
SCHLESINGER, DAVID H	R01 AI 22461-01	147,333	NEW YORK UNIVERSITY STRUCTURAL STUDIES ON THE PLASMODIUM SURFACE PROTEINS	40
SCHMIDT-ULLRICH, RUPERT K	R01 AI 21667-01	132,066	NEW ENGLAND MEDICAL CENTER HOSPITALS,INC HUMAN MONOCLONAL ANTIBODIES TO P FALCIPARUM ANTIGENS	40
SHEAR, HANNAH L	R01 AI 15235-08	103,972	NEW YORK UNIVERSITY MACROPHAGE ACTIVATION IN EXPERIMENTAL MALARIA	40
SHERMAN, IRWIN W	R01 AI 20456-02	111,730	UNIVERSITY OF CALIFORNIA RIVERSIDE MEMBRANE STUDIES WITH A HUMAN MALARIAL PARASITE	40
TAYLOR, DIANE W	R01 AI 19874-02	71,334	GEORGETOWN UNIVERSITY IMMUNOLOGIC ANALYSIS OF PURIFIED MALARIAL ANTIGENS	40

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RESEARCH GRANTS & CAREER PROGRAMS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			PLASMODIA	
TAYLOR, DIANE W	R01 AI 20917-01A1	57,521	GEORGETOHN UNIVERSITY ANTIGENS ON PLASMODIUM FALCIPARUM INFECTED ERYTHROCYTES	40
TRAGER, WILLIAM	R01 AI 20938-02	141,282	ROCKEFELLER UNIVERSITY EXTRACELLULAR DEVELOPMENT IN VITRO OF MALARIA PARASITES	40
VANDERJAGT, DAVID L	R01 AI 21214-02	98,848	UNIVERSITY OF NEW MEXICO ALBUQUERQUE PROTEIN DEGRADATION IN P. FALCIPARUM	40
VEZZA, ANNE C	R23 AI 18767-03	39,769	UNIVERSITY OF ALABAMA AT BIRMINGHAM PROTEIN ANALYSIS OF FALCIPARUM MALARIA MEROZOITES	40
VEZZA, ANNE C	R01 AI 20597-02	111,108	UNIVERSITY OF ALABAMA AT BIRMINGHAM CHARACTERIZATION OF THE MALARIAL RIBOSOMAL RNA GENE	40
WALLACH, DONALD F	R01 AI 20263-03	173,553	TUFTS UNIVERSITY SYNTHESIS AND MEMBRANE INSERTION OF PLASMODIAL PROTEINS	40
WEIDANZ, WILLIAM P	R01 AI 12710-10	197,243	HAHNEMANN UNIVERSITY MECHANISMS OF NONSTERILIZING IMMUNITY IN MALARIA	40
	28	3,755,164		
			LEISHMANIA	
BEHFOROUZ, NANCY C	R15 AI 23141-01	64,306	BALL STATE UNIVERSITY PROPHYLAXIS OF L. TROPICA INFECTIONS WITH CYCLOSPORINES	40
BEVERLEY, STEPHEN M	R01 AI 21903-01	186,082	HARVARD UNIVERSITY MECHANISM OF GENE AMPLIFICATION IN LEISHMANIA	40
BHAT, KOLARI S	R23 AI 21433-02	58,518	UNIVERSITY OF PENNSYLVANIA KINETOPLAST GENE EXPRESSION IN LEISHMANIASIS	40
CHANG, KWANG-POO	R01 AI 20486-02	0*	UNIVERSITY OF HLTH SCI/CHICAGO MED SCH LEISHMANIA-MACROPHAGE CELLULAR INTERACTIONS IN VITRO	40
EDELSON, PAUL J	R01 AI 19888-02	132,178	CORNELL UNIVERSITY MEDICAL CENTER LEISHMANIA AND HOST DEFENSE	40
FARRELL, JAY P	R01 AI 19150-03	0*	UNIVERSITY OF PENNSYLVANIA AMERICAN VISCERAL LEISHMANIASIS IN DOMESTIC ANIMALS	40

(*) = ACTIVE; NO FY 1985 FUNDS

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RESEARCH GRANTS & CAREER PROGRAMS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			LEISHMANIA	
FONG, DUNNE	R23 AI 21364-01A1	50,100	UNIVERSITY OF ALABAMA AT BIRMINGHAM TUBULIN REGULATION IN THE PARASITIC PROTOZOAN LEISHMANIA	40
GIANNINI, M SUZANNE	R23 AI 18937-03	61,806	COLUMBIA UNIVERSITY NEW YORK CUTANEOUS DETERMINANTS OF RESISTANCE TO LEISHMANIA	40
GLEW, ROBERT H	R01 AI 18945-04	89,795	UNIVERSITY OF PITTSBURGH LEISHMANIA DONOVANI ACID PHOSPHATASE	40
GOTTLIEB, MICHAEL	R01 AI 16530-06	152,285	JOHNS HOPKINS UNIVERSITY LEISHMANIA DONOVANI SURFACE MEMBRANES: 3' - NUCLEOTIDAS	40
HANDMAN, EMANUELA	R01 AI 19347-03	49,321	ROYAL MELBOURNE HOSPITAL CHARACTERIZATION AND CLONING OF LEISHMANIA ANTIGENS	40
HOLZ, GEORGE G, JR	R01 AI 05802-21	98,689	UPSTATE MEDICAL CENTER LIPIDS OF LEISHMANIAS	40
JONES, THOMAS C	P01 AI 16282-07	439,519	CORNELL UNIVERSITY MEDICAL CENTER BASIC AND APPLIED RESEARCH IN PROTOZOAN DISEASES	90
MILLER, JACQUELINE S	R01 AI 20601-02	131,440	HARVARD UNIVERSITY INVESTIGATIONS INTO THE MOLECULAR BIOLOGY OF LEISHMANIA	40
MURRAY, HENRY W	R01 AI 16963-06	150,610	CORNELL UNIVERSITY MEDICAL CENTER MONONUCLEAR PHAGOCYTE KILLING OF LEISHMANIA PARASITES	40
ORIHEL, THOMAS C	P01 AI 16315-06	475,999	TULANE UNIVERSITY OF LOUISIANA INTERNATIONAL COLLABORATION IN INFECTIOUS DISEASES	90
PRATT, DIANE M	R01 AI 23004-01	160,592	YALE UNIVERSITY LEISHMANIA ANTIGENS-BIOCHEMICAL AND IMMUNOLOGIC STUDIES	40
SANTI, DANIEL V	R01 AI 19358-04	170,164	UNIVERSITY OF CALIFORNIA SAN FRANCISCO ENZYMES OF FOLATE METABOLISM IN PROTOZOA: LEISHMANIA	40
SEMPREVIVO, LLOYD H	R01 AI 20235-02	98,074	UNIVERSITY OF MASSACHUSETTS AMHERST BIOLOGICAL ACTIVITY OF EXOGENOUS LEISHMANIAL LIPIDS	40
SIMPSON, LARRY	R01 AI 09102-17	242,718	UNIVERSITY OF CALIFORNIA LOS ANGELES FUNCTION OF THE KINETOPLAST IN THE HEMOFLAGELLATES	40

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RESEARCH GRANTS & CAREER PROGRAMS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			LEISHMANIA	
TESH, ROBERT B	P01 AI 20108-02	359,640	YALE UNIVERSITY EPIDEMIOLOGY OF SANDFLY BORNE DISEASE IN COLOMBIA	90
TESH, ROBERT B	R01 AI 21049-02	173,166	YALE UNIVERSITY BIOLOGY OF LEISHMANIA IN PHLEBOTOMINE SANDFLIES	40
TURCO, SALVATORE J	R01 AI 20941-01A2	66,576	UNIVERSITY OF KENTUCKY GLYCOCONJUGATES OF LEISHMANIA	40
ULLMAN, BUDDY	R01 AI 19866-03	96,118	UNIVERSITY OF KENTUCKY GENETIC ANALYSIS OF PURINE METABOLISM IN L DONOVANI	40
WIRTH, DYANN F	R01 AI 21365-01A1	140,579	HARVARD UNIVERSITY DEVELOPMENTALLY REGULATED GENES IN LEISHMANIA SP	40
WYLER, DAVID J	R01 AI 17151-05	201,173	TUFTS UNIVERSITY CELLULAR BIOLOGY AND IMMUNOLOGY OF LEISHMANIASIS	40
	26	3,849,448		
ULLMAN, BUDDY	K04 AI 00617-02	45,732	UNIVERSITY OF KENTUCKY GENETIC ANALYSIS OF PURINE METABOLISM IN LEISHMANIA	40
	1	45,732		
			TRYPANOSOMES	
AGABIAN, NINA M	R01 AI 21975-02	203,277	UNIVERSITY OF CALIFORNIA BERKELEY MOLECULAR BASIS OF ANTIGENIC VARIATION	40
ARAUJO, FAUSTO G	R01 AI 18794-03	154,961	PALO ALTO MEDICAL FOUNDATION RES INST STUDIES OF THE AMASTIGOTE STAGE OF TRYPANOSOMA CRUZI	40
BACCHI, CYRUS J	X01 AI 17340-05	153,293	PACE UNIVERSITY NEW YORK POLYAMINES IN TRYPANOSOMES - FUNCTION AND METABOLISM	40
BARBET, ANTHONY F	R01 AI 22614-01	92,638	WASHINGTON STATE UNIVERSITY MECHANISMS OF ANTIGENIC DIVERSITY IN TRYPANOSOMA BRUCEI	40

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RESEARCH GRANTS & CAREER PROGRAMS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			TRYPANOSOMES	
BERENS, RANDOLPH L	R01 AI 21909-01	117,313	UNIVERSITY OF COLORADO HLTH SCIENCES CTR PURINE/PURINE ANALOGUE METABOLISM IN AFRICAN TRYPANOSOME	40
BOOTHROYD, JOHN C	R01 AI 21025-02	171,026	STANFORD UNIVERSITY MOLECULAR BASIS OF PATHOGENICITY OF AFRICAN TRYPANOSOMES	40
CERAMI, ANTHONY	R01 AI 19428-03	186,221	ROCKEFELLER UNIVERSITY BIOCHEMISTRY OF TRYPANOSOMATIDS--BASIS FOR DRUG DESIGN	40
CERAMI, ANTHONY	R01 AI 21359-01A1	102,560	ROCKEFELLER UNIVERSITY PARASITE INDUCED CATABOLISM IN MAMMALS	40
CLARKSON, ALLEN B, JR	R01 AI 17899-03	186,698	NEW YORK UNIVERSITY TRYPANOSOMIASIS CHEMOTHERAPY BY GLYCOLYSIS INHIBITION	40
CLAYTON, CHRISTINE E	R01 AI 22229-01	194,267	ROCKEFELLER UNIVERSITY MOLECULAR BIOLOGY OF TRYPANOSOME ENERGY METABOLISM	40
COLLEY, DANIEL G	R13 AI 22423-01	1,500	GORDON RESEARCH CONFERENCES GORDON CONFERENCE ON PARASITISM	40
CROSS, GEORGE A	R01 AI 21531-02	192,440	ROCKEFELLER UNIVERSITY STRUCTURE AND PROCESSING OF TRYPANOSOME VARIANT ANTIGENS	40
CROSS, GEORGE A	R01 AI 21729-01	229,173	ROCKEFELLER UNIVERSITY MOLECULAR GENETICS OF TRYPANOSOME ANTIGENIC VARIATION	40
CUNNINGHAM, ISABEL	R01 AI 20390-03	82,292	UNIVERSITY OF MASSACHUSETTS AMHERST CULTIVATION OF SALIVARIAN TRYPANOSOMES	40
D'ALESANDRO, PHILIP A	R01 AI 13387-10	200,931	COLUMBIA UNIVERSITY NEW YORK STUDIES OF TRYPANOSOMAL EXOANTIGENS	40
DIFFLEY, PETER	R01 AI 22029-01	0*	UNIVERSITY OF NOTRE DAME IMMUNOLOGY OF TRYPANOSOMAL SURFACE COAT-VARIANT ANTIGEN	40
DONELSON, JOHN E	R01 AI 18954-04	170,839	UNIVERSITY OF IOWA MECHANISMS OF ANTIGENIC VARIATION IN TRYPANOSOMES	40
DRAGON, ELIZABETH A	R44 AI 20839-03	256,298	CODON DIAGNOSTICS SPECIFIC FOR CHAGAS DISEASES PHASE II	40

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RESEARCH GRANTS & CAREER PROGRAMS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			TRYPANOSOMES	
DUSANIC, DONALD G	R01 AI 14642-06	0*	INDIANA STATE UNIVERSITY TERRE HAUTE IMMUNOLOGICAL STUDIES OF T CRUZI METACYCLIC STAGES	40
ENGLUND, PAUL T	R01 AI 21334-02	161,557	JOHNS HOPKINS UNIVERSITY BIOSYNTHESIS--TRYPANOSOME VARIANT SURFACE GLYCOPROTEIN	40
FAIRLAMB, ALAN H	R01 AI 21429-02	167,965	ROCKEFELLER UNIVERSITY GLUTATHIONE METABOLISM IN TRYPANOSOMES	40
HAJDUK, STEPHEN L	R01 AI 21401-02	103,194	UNIVERSITY OF ALABAMA AT BIRMINGHAM GENE EXPRESSION DURING TRYPANOSOME DIFFERENTIATION	40
HATCHER, FRANK M	R01 AI 19263-03	96,759	MEHARRY MEDICAL COLLEGE TRYPANOSOMA CRUZI-INDUCED LYTIC ACTIVITY AND RESISTANCE	40
HILL, GEORGE C	R01 AI 21159-03	162,486	MEHARRY MEDICAL COLLEGE ELECTRON TRANSPORT SYSTEMS IN TRYPANOSOMES	40
JONES, JOYE F	R23 AI 18519-03	58,797	THOMAS JEFFERSON UNIVERSITY PHAGOCYTIC MACROPHAGES DURING AFRICAN TRYPANOSOMIASIS	40
KIERSZENBAUM, FELIPE	R01 AI 14848-07	129,916	MICHIGAN STATE UNIVERSITY TRYPANOSOMIASIS: MECHANISMS OF IMMUNITY AND RESISTANCE	40
KIERSZENBAUM, FELIPE	R01 AI 17041-06	117,476	MICHIGAN STATE UNIVERSITY IMMUNOLOGY OF METACYCLIC TRYPANOSOMA CRUZI	40
MANSFIELD, JOHN M	R01 AI 22441-01	164,607	UNIVERSITY OF WISCONSIN MADISON IMMUNOBIOLOGY OF AFRICAN TRYPANOSOMIASIS	40
MERRITT, STEPHEN C	R01 AI 21340-02	64,090	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL GENE TRANSCRIPTION IN TRYPANOSOMES BY RNA POLYMERASE II	40
MESHNICK, STEVEN R	R01 AI 20197-03	112,575	CORNELL UNIVERSITY MEDICAL CENTER SUPEROXIDE DISMUTASES OF TRYPANOSOMES AND LEISHMANIA	40
NOLAN, LINDA L	R01 AI 17895-03	0*	UNIVERSITY OF MASSACHUSETTS AMHERST PURINE AND PYRIMIDINE METABOLISM OF TRYPANOSOMATIDAE	40
PATTON, CURTIS L	R01 AI 21862-01	252,782	YALE UNIVERSITY CALMODULIN AND REGULATION IN TRYPANOSOMES	40

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RESEARCH GRANTS & CAREER PROGRAMS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			TRYPANOSOMES	
PEREIRA, MIERCIO E	R01 AI 18102-04A1	157,560	TUFTS UNIVERSITY SURFACE RECEPTORS IN TRYPANOSOMA CRUZI	40
PEREIRA, MIERCIO E	R01 AI 19711-03	130,489	TUFTS UNIVERSITY BIOLOGY OF AMERICAN TRYPANOSOMES IN THEIR INSECT VECTOR	40
RAY, DAN S	R01 AI 20080-03	127,427	UNIVERSITY OF CALIFORNIA LOS ANGELES REGULATION OF TRYPANOSOME DNA REPLICATION	40
REED, STEVEN G	R01 AI 22726-01	129,590	ISSAQUAH HEALTH RESEARCH INSTITUTE IMMUNOSUPPRESSION IN TRYPANOSOMA CRUZI INFECTIONS	40
RIFKIN, MARY R	R01 AI 20324-01A2	166,413	ROCKEFELLER UNIVERSITY PHOSPHOLIPID METABOLISM OF TRYPANOSOMES	40
RUBEN, LAWRENCE S	R23 AI 22715-01	57,993	YALE UNIVERSITY CALCIUM-BINDING PROTEINS IN AFRICAN TRYPANOSOMES	40
STUART, KENNETH D	R01 AI 14102-10	194,502	ISSAQUAH HEALTH RESEARCH INSTITUTE MITOCHONDRIAL DNA OF NORMAL AND MUTANT TRYPANOSOMES	40
STUART, KENNETH D	R01 AI 17375-04	191,403	ISSAQUAH HEALTH RESEARCH INSTITUTE TRYPANOSOME VARIANT ANTIGEN GENES	40
TARLETON, RICK L	R01 AI 22070-01	110,905	UNIVERSITY OF GEORGIA IMMUNOREGULATION IN EXPERIMENTAL CHAGAS' DISEASE	40
TRISCHMANN, THOMAS M	R01 AI 20961-02	123,940	JOHNS HOPKINS UNIVERSITY CHAGAS DISEASE--EARLY CONTROL OF PARASITE PROLIFERATION	40
VAN DER PLOEG, LEONARDUS	R01 AI 21784-01A1	181,170	COLUMBIA UNIVERSITY NEW YORK MECHANISM OF ANTIGENIC VARIATION IN TRYPANOSOMA BRUCEI	40
WANG, CHING C	R01 AI 21786-01	157,213	UNIVERSITY OF CALIFORNIA SAN FRANCISCO CROSS-LINKED GLYCOSOME ENZYMES OF TRYPANOSOMA BRUCEI	40
WILEY, DON C	R01 AI 21324-02	95,171	HARVARD UNIVERSITY X-RAY STRUCTURE OF AFRICAN TRYPANOSOME SURFACE ANTIGEN	40
WOLFSON, JOHN S	R23 AI 19452-03	47,290	MASSACHUSETTS GENERAL HOSPITAL TRYPANOSOMA CRUZI INHIBITION BY NOVOBIOCIN	40

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			SCHISTOSOMES	
BENNETT, JAMES L	R22 AI 19889-03	58,178	MICHIGAN STATE UNIVERSITY DRUGS OR IMMUNE SERA: ACTION ON SCHISTOSOMULES	40
BOROS, DOV L	R22 AI 12913-10	142,429	WAYNE STATE UNIVERSITY IMMUNOREGULATION OF THE SCHISTOSOME EGG GRANULOMA	40
BRUCE, JOHN I	R01 AI 20171-01S1	20,063	UNIVERSITY OF LOWELL OCCURRENCE OF DRUG RESISTANT SCHISTOSOMES IN BRAZIL	90
BYRAM, JAMES E	R22 AI 21779-01A1	151,244	HARVARD UNIVERSITY SCHISTOSOME VITELLOGENESIS AND EGGSHELL FORMATION	40
CAULFIELD, JOHN P	R22 AI 23083-01	155,234	BRIGHAM AND WOMEN'S HOSPITAL S MANSONI: IMMUNE INDUCED SURFACE CHANGES	40
COLES, GERALD C	R01 AI 20128-01S1	0*	UNIVERSITY OF MASSACHUSETTS AMHERST OCCURRENCE OF DRUG RESISTANCE IN SCHISTOSOMES IN KENYA	90
COLLEY, DANIEL G	R22 AI 11289-13	152,549	VANDERBILT UNIVERSITY IMMUNOLOGIC RESPONSES TO SCHISTOSOMA MANSONI	40
CORNFORD, EAIN M	R22 AI 15692-06	88,027	UNIVERSITY OF CALIFORNIA LOS ANGELES TRANSPORT MECHANISMS IN THE SCHISTOSOME INTEGUMENT	40
DAMIAN, RAYMOND T	R22 AI 18906-04	186,007	UNIVERSITY OF GEORGIA INTERPLAY OF IMMUNITY AND OVIPOSITION IN SCHISTOSOMIASIS	40
DAVID, JOHN R	P01 AI 16305-07	234,081	HARVARD UNIVERSITY STUDIES ON FOUR TROPICAL DISEASES IN BRAZIL	90
DAVID, JOHN R	P01 AI 22794-01	551,730	BRIGHAM AND WOMEN'S HOSPITAL IMMUNOLOGY OF FOUR TROPICAL PARASITIC DISEASES OF MAN	40
DOUGHTY, BARBARA L	R22 AI 21776-01A1	99,312	TEXAS AGRI AND MECH UNIV COLLEGE STATION IMMUNOREGULATION IN HUMAN SCHISTOSOMIASIS	40
DRESDEN, MARC H	R22 AI 13802-08	62,609	BAYLOR COLLEGE OF MEDICINE SCHISTOSOMA MANSONI-- CYSTEINYL PROTEINASE OF EGGS	40
DRESDEN, MARC H	R22 AI 15864-06	75,770	BAYLOR COLLEGE OF MEDICINE SCHISTOSOMA MANSONI: ACIDIC PROTEINASE OF ADULT WORMS	40

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RESEARCH GRANTS & CAREER PROGRAMS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			SCHISTOSOMES	
EL KOUNI, MAHMOUD H	R22 AI 22219-01	92,662	BROWN UNIVERSITY NUCLEOTIDE METABOLISM IN SCHISTOSOMES	40
FILE, SHARON K	R22 AI 21296-02	57,667	UNIVERSITY OF PUERTO RICO RIO PIEDRAS TRANSIT OF SCHISTOSOME EGGS THROUGH VENULAR ENDOTHELIUM	40
GEORGI, JAY R	R22 AI 19114-02	85,558	CORNELL UNIVERSITY ITHACA MIGRATIONS AND MORTALITY OF SCHISTOSOMA	40
HAYUNGA, EUGENE G	R22 AI 18361-05	99,572	U.S. UNIFORMED SERVICES UNIV OF HLTH SCI CHARACTERIZATION OF SCHISTOSOME SURFACE ANTIGENS	40
HILLYER, GEORGE V	R22 AI 20974-02	111,892	UNIVERSITY OF PUERTO RICO RIO PIEDRAS DEFINED IMMUNITY ANTIGENS IN SCHISTOSOMIASIS	40
HSU, SHU Y	R22 AI 22138-01	74,696	UNIVERSITY OF IOWA ATTRITION OF MIGRATING SCHISTOSOMULA IN SKIN	40
JAMES, STEPHANIE L	R22 AI 21082-03	142,918	GEORGE WASHINGTON UNIVERSITY MACROPHAGE FUNCTION IN IMMUNITY TO S MANSONI INFECTION	40
KNOPF, PAUL M	R22 AI 21380-02	182,012	BROWN UNIVERSITY CANDIDATE VACCINE PROTEIN ANTIGENS OF S MANSONI	40
LEWIS, FRED A	R22 AI 16006-07	147,126	AMERICAN FOUNDATION FOR BIOLOGICAL RES IMMUNITY IN A SCHISTOSOMA MANSONI ABORTIVE INFECTION	40
LOVERDE, PHILIP T	R22 AI 18867-03	98,056	STATE UNIVERSITY OF NEW YORK AT BUFFALO CERCARIA-SCHISTOSOMULE TRANSFORMATION	40
LOVERDE, PHILIP T	R22 AI 22567-01	178,507	STATE UNIVERSITY OF NEW YORK AT BUFFALO ANTI-IDIOTYPE VACCINE DEVELOPMENT FOR SCHISTOSOMIASIS	40
MAHMOUD, ADEL A	P01 AI 15351-07	509,782	CASE WESTERN RESERVE UNIVERSITY TROPICAL DISEASE RESEARCH UNITS	40
MC KERROW, JAMES H	R23 AI 20452-03	44,299	UNIVERSITY OF CALIFORNIA SAN FRANCISCO PROTEOLYTIC ACTIVITY OF THE LARVAE OF S. MANSONI	40
OLDS, G RICHARD	R23 AI 21080-01A2	50,821	CASE WESTERN RESERVE UNIVERSITY MODULATION OF IMMUNOPATHOLOGY OF S JAPONICA	40

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			SCHISTOSOMES	
PHILLIPS, MICHAEL S	R22 AI 15193-07	234,202	UNIVERSITY OF PENNSYLVANIA IN VITRO S. MANSONI FECUNDITY AND GRANULOMA FORMATION	40
PHILLIPS, MICHAEL S	R22 AI 20947-01A1	222,204	UNIVERSITY OF PENNSYLVANIA THE IDIOTYPIC REGULATION OF RESISTANCE TO SCHISTOSOMIASI	40
STADECKER, MIGUEL J	R22 AI 18919-03	169,304	TUFTS UNIVERSITY IMMUNOREGULATION IN SCHISTOSOMIASIS	40
STAVITSKY, ABRAM B	R22 AI 18523-04	127,008	CASE WESTERN RESERVE UNIVERSITY IMMUNE REGULATION IN SCHISTOSOMIASIS JAPONICA	40
STRAND, METTE	R22 AI 19217-04	209,684	JOHNS HOPKINS UNIVERSITY IMMUNO-PROTECTIVE AND PATHOGENIC SCHISTOSOME ANTIGENS	40
TAKAHASHI, SHIZUKO	R01 AI 15631-06	142,899	YESHIVA UNIVERSITY COLLAGENASE FUNCTION AND ACTIVITY IN FIBROTIC LIVER	40
TRACY, JAMES W	R22 AI 22520-01	106,429	UNIVERSITY OF WISCONSIN MADISON ROLE OF GLUTATHIONE IN DRUG METABOLISM BY SCHISTOSOMES	40
VON LICHTENBERG, FRANZ C	R22 AI 02631-27	108,227	HARVARD UNIVERSITY SCHISTOSOMIASIS AND GRANULOMA FORMATION	40
WILLIAMS, JEFFREY F	P01 AI 16312-07	412,913	MICHIGAN STATE UNIVERSITY COLLABORATIVE RESEARCH ON PARASITIC DISEASES IN SUDAN	90
WYLER, DAVID J	R22 AI 17615-05	205,539	TUFTS UNIVERSITY FIBROBLAST STIMULATION IN SCHISTOSOMIASIS	40
YOGORE, MARIANO G, JR	R22 AI 07724-19	118,412	UNIVERSITY OF CHICAGO PHILIPPINE SCHISTOSOMIASIS JAPONICA: IMMUNE RESPONSES	40
	43	6,476,078		
			SCHISTOSOMES	
BLANTON, RONALD E	K11 AI 00608-02	75,162	CASE WESTERN RESERVE UNIVERSITY PHYSICIAN SCIENTIST AWARD	40

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RESEARCH GRANTS & CAREER PROGRAMS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			SCHISTOSOMES	
MALEK, EMILE A	K06 AI 18424-23	32,681	TULANE UNIVERSITY OF LOUISIANA EPIDEMIOLOGY AND CONTROL OF SCHISTOSOMIASIS	40
YOSHINO, TIMOTHY P	K04 AI 00491-02	41,225	UNIVERSITY OF OKLAHOMA NORMAN IMMUNOBIOLOGY OF SCHISTOSOME VECTORS	40
	3	149,068		
			FASCIOLA HEPATICA	
MANSOUR, TAG E	R01 AI 16501-05	185,657	STANFORD UNIVERSITY REGULATORY ENZYMES IN PARASITIC HELMINTHS	40
	1	185,657		
			TAENIA	
HAMMERBERG, CRAIG	R01 AI 20914-01A1	70,901	VIRGINIA POLYTECHNIC INST AND ST UNIV CELLULAR IMMUNITY, COMPLEMENT AND EARLY CYSTICERCOSIS	40
KUHN, RAYMOND E	R01 AI 22188-01	126,449	WAKE FOREST UNIVERSITY DIAGNOSIS OF NEUROCYSTICERCOSIS	40
	2	197,350		
			ECHINOCOCCUS	
RAUSCH, ROBERT L	R01 AI 15172-06	100,021	UNIVERSITY OF WASHINGTON STUDIES ON ECHINOCOCCUS SPECIES AND HYDATID DISEASE	40
	1	100,021		
			FILARIAE	
BARR, ALLAN R	R22 AI 11847-17	0*	UNIVERSITY OF CALIFORNIA LOS ANGELES BIOLOGICAL CONTROL OF FILARIASIS VECTORS	40

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ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			FILARIAE	
CRANDALL, CATHERINE A	R22 AI 19275-03	102,910	UNIVERSITY OF FLORIDA BRUGIAN FILARIASIS	40
FIORAVANTI, CARMEN F	R01 AI 15597-06	62,868	BOWLING GREEN STATE UNIV BOWLING GREEN ANAEROBIC ENERGY METABOLISM OF PARASITIC HELMINTHS	40
FRIEDHEIM, ERNST A	R22 AI 19245-03	176,014	ROCKEFELLER UNIVERSITY SYNTHESIS AND EVALUATION OF MACROFILARICIDAL COMPOUNDS	40
FUHRMAN, JULIET A	R23 AI 22418-01	55,387	HARVARD UNIVERSITY DEVELOPMENTAL BIOLOGY OF BRUGIAN MICROFILARIAE	40
HAMILTON, ROBERT G	R23 AI 22367-01	0*	UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON IMMUNODIAGNOSIS OF FILARIAL PARASITIC INFECTIONS	40
JAFFE, JULIAN J	R22 AI 18605-03	0*	UNIVERSITY OF VERMONT & ST AGRIC COLLEGE FOLATE- AND DOLICHOL-RELATED METABOLISM IN FILARIAE	40
KATZ, STEPHEN P	R01 AI 17046-06	99,178	TULANE UNIVERSITY OF LOUISIANA IMMUNOREGULATION IN EXPERIMENTAL FILARIASIS	40
KLEI, THOMAS R	R22 AI 19199-02	75,189	LOUISIANA STATE UNIV A&M COL BATON ROUGE LYMPHATIC LESION PATHOGENESIS IN BRUGIA-INFECTED JIRDS	40
LOK, JAMES B	R23 AI 19995-03	55,546	UNIVERSITY OF PENNSYLVANIA IN VITRO CULTIVATION OF LARVAL ONCHOCERCA SPP	40
PIESSENS, WILLY F	R01 AI 20102-03	174,171	HARVARD UNIVERSITY A PROSPECTIVE STUDY OF LYMPHATIC FILARIASIS IN MAN	90
SCOTT, ALAN L	R43 AI 22758-01	50,000	MOLECULAR DIAGNOSTIC SYSTEMS, INC. MOLECULAR DIAGNOSTICS OF DIROFILARIA IMMITIS	40
SPIELMAN, ANDREW	R22 AI 21664-01	79,746	HARVARD UNIVERSITY MECHANISM OF FILARIAL PENETRATION INTO VECTORS	40
VICKERY, ANN C	R23 AI 20052-02	52,977	UNIVERSITY OF SOUTH FLORIDA FILARIAL IMMUNOLOGY	40
VINCENT, ALBERT L	R22 AI 18237-03	0*	UNIVERSITY OF SOUTH FLORIDA FILARIASIS IN THE DOMINICAN REPUBLIC	40

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(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH GRANTS & CAREER PROGRAMS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			FILARIAE	
WASSOM, DONALD L	R01 AI 18302-03	135,748	CORNELL UNIVERSITY ITHACA GENETIC CONTROL OF IMMUNITY TO HELIGMOSOMOIDES POLYGYRUS	40
WEIL, GARY J	R22 AI 22488-01	146,003	WASHINGTON UNIVERSITY CIRCULATING PARASITE ANTIGENS IN HUMAN FILARIASIS	40
WILLIAMS, STEVEN A	R15 AI 23142-01	88,280	SMITH COLLEGE CLONED PARASITE REPEAT DNA AS SPECIES-SPECIFIC PROBES	40
	18	1,354,017		
			TRICHINELLA	
BELL, ROBIN G	R01 AI 17484-04	114,480	CORNELL UNIVERSITY ITHACA IMMUNOBIOLOGY OF RAPID EXPULSION	40
DESPOMMIER, DICKSON D	R01 AI 10627-15	215,289	COLUMBIA UNIVERSITY NEW YORK FUNCTIONAL ANTIGENS OF TRICHINELLA SPIRALIS	40
MC GREGOR, DOUGLAS D	R01 AI 14490-08	172,316	CORNELL UNIVERSITY ITHACA IMMUNITY TO PARASITIC INFECTION	40
OTTOLENGHI, ATHOS	R01 AI 18466-02	83,034	DUKE UNIVERSITY EOSINOPHILS AND PHOSPHOLIPASES IN HELMINTHIC INFECTION	40
WASSOM, DONALD L	R01 AI 17079-06	144,285	CORNELL UNIVERSITY ITHACA IMMUNOGENETICS OF TRICHINELLA SPIRALIS IN THE MOUSE	40
	5	729,404		
			ASCARIS	
DONAHUE, MANUS J	R01 AI 22479-01	53,126	NORTH TEXAS STATE UNIVERSITY ORIGIN OF 5-HYDROXYTRYPTAMINE IN ASCARIS SUUM	40
HARRIS, BEN G	R01 AI 12331-10	125,628	NORTH TEXAS STATE UNIVERSITY REGULATION OF METABOLISM IN PARASITIC HELMINTHS	40
KOMUNIECKI, RICHARD W	R01 AI 18427-04	84,328	UNIVERSITY OF TOLEDO VOLATILE ACID FORMATION BY PARASITIC HELMINTHS	40

(*) = ACTIVE; NO FY 1985 FUNDS

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RESEARCH GRANTS & CAREER PROGRAMS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ASCARIS	
MASARACCHIA, RUTHANN A	R01 AI 18701-03	72,999	NORTH TEXAS STATE UNIVERSITY REGULATION OF GLYCOGEN SYNTHESIS IN ASCARIS SUUM MUSCLE	40
PEANASKY, ROBERT J	R01 AI 10992-14	70,649	UNIVERSITY OF SOUTH DAKOTA PURIFICATION OF PROTEINS WITH BIOLOGICAL ACTIVITY	40
SAZ, HOWARD J	R01 AI 09483-16	187,563	UNIVERSITY OF NOTRE DAME INTERMEDIARY METABOLISM OF HELMINTHS	40
STRETTON, ANTONY O	R01 AI 15429-07	142,569	UNIVERSITY OF WISCONSIN MADISON PHYSIOLOGICAL STUDIES ON A PARASITIC NEMATODE	40
STRETTON, ANTONY O	R01 AI 20355-03	98,614	UNIVERSITY OF WISCONSIN MADISON MONOCLONAL ANTIBODIES TO NEURAL ANTIGENS IN ASCARIS	40
	8	835,476		
			HOOKWORMS	
KAYES, STEPHEN G	R01 AI 19968-03	86,685	UNIVERSITY OF SOUTH ALABAMA NEMATODE-INDUCED PULMONARY GRANULOMA FORMATION	40
	1	86,685		
			STRONGYLES	
SCHAD, GERHARD A	R01 AI 22662-01	142,848	UNIVERSITY OF PENNSYLVANIA HUMAN STRONGYLOIDIASIS: DEVELOPMENT OF A CANINE MODEL	40
	1	142,848		
			NEMATODES, OTHER	
CHALFIE, MARTIN	R01 AI 19399-03	0*	COLUMBIA UNIVERSITY NEW YORK GENETIC AND BIOCHEMICAL ANALYSIS OF NEMATODE MICROTUBULE	40
PLATZER, EDWARD G	R01 AI 15717-06	0*	UNIVERSITY OF CALIFORNIA RIVERSIDE MERMITHID NEMATODES AND INSECT CONTROL: PHYSIOLOGY	40
	2	0		

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RESEARCH GRANTS & CAREER PROGRAMS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MOSQUITOES	
BICKLEY, WILLIAM E	R01 AI 15643-12	13,151	AMERICAN MOSQUITO CONTROL ASSOCIATION SYNTHESIS OF LITERATURE ON MOSQUITOES AND DISEASE	40
BIDLINGMAYER, WILLIAM L	R01 AI 17346-06	65,695	UNIVERSITY OF FLORIDA MOSQUITO FLIGHT PATHS IN RELATION TO THE ENVIRONMENT	40
CHRISTENSEN, BRUCE M	R22 AI 19769-03	58,886	UNIVERSITY OF WISCONSIN MADISON IMMUNE RESPONSE OF MOSQUITOES TO FILARIAL WORMS	40
DAVIDSON, ELIZABETH W	R01 AI 22702-01	105,131	ARIZONA STATE UNIVERSITY INSECTICIDAL TOXIN OF BACILLUS SPHAERICUS 1593 AND 2362	40
DAVIS, EDWARD E	R01 AI 21267-02	156,091	SRI INTERNATIONAL SENSORY BASIS FOR BEHAVIOR IN MOSQUITOES	40
DAY, JONATHAN F	R01 AI 20987-01A1	65,563	UNIVERSITY OF FLORIDA EVALUATION OF MOSQUITO FLIGHT BEHAVIOR IN A WIND TUNNEL	40
FALLON, ANN M	R01 AI 20385-03	62,110	UNIV OF MED/DENT NJ-SCH OSTEOPATHIC MED SYNTHESIS AND DEGRADATION OF RIBOSOMES IN THE MOSQUITO	40
KLOWDEN, MARC J	R01 AI 19009-05	53,519	UNIVERSITY OF IDAHO PHYSIOLOGY OF MOSQUITO HOST-SEEKING	40
LEA, ARDEN O	R01 AI 17297-06	145,691	UNIVERSITY OF GEORGIA ENDOCRINOLOGY OF MOSQUITO REPRODUCTION	40
LEA, ARDEN O	R01 AI 20371-03	83,176	UNIVERSITY OF GEORGIA REGULATION OF VITELLOGENIN SYNTHESIS IN THE MOSQUITO	40
LIVDAHL, TODD P	R15 AI 23144-01	75,128	CLARK UNIVERSITY MECHANICS OF POPULATION REGULATION IN AEDES TRISERIATUS	40
MA, MICHAEL C	R01 AI 21227-02	49,171	UNIVERSITY OF MARYLAND COLLEGE PK CAMPUS HYBRIDOMA ANTIBODIES--MOSQUITO VITELLOGENESIS RESEARCH	40
MERRITT, RICHARD W	R01 AI 21884-01	127,925	MICHIGAN STATE UNIVERSITY NATURAL FEEDING ECOLOGY OF LARVAL AEDES AND ANOPHELES	40
O'MEARA, GEORGE F	R01 AI 18706-03	58,746	UNIVERSITY OF FLORIDA FACTORS AFFECTING MOSQUITO ABUNDANCE IN WASTEWATER PONDS	40

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH GRANTS & CAREER PROGRAMS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MOSQUITOES	
RAI, KARAMJIT S	R01 AI 21443-02	87,795	UNIVERSITY OF NOTRE DAME GENETIC DIFFERENTIATION IN THE AEDES ALBOPICTUS SUBGROUP	40
SMITH, STAN L	R01 AI 20604-02	54,179	BOWLING GREEN STATE UNIV BOWLING GREEN CONTROL OF ECDYSTEROID BIOSYNTHESIS IN AEDES MOSQUITOES	40
STEFFAN, WALLACE A	R01 AI 12168-07	0*	BERNICE P. BISHOP MUSEUM BIOSYSTEMATICS OF TOXORHYNCHITES	40
SUGUMARAN, MANICKAM	R01 AI 14753-08	257,772	UNIVERSITY OF MASSACHUSETTS BOSTON SCLEROTIN PRECURSORS IN DIPTERANS	40
	18	1,519,729		
			INSECTS, OTHER (DROSOPHILA)	
HARVEY, WILLIAM R	R01 AI 22444-01	137,169	TEMPLE UNIVERSITY PHYSIOLOGY OF INSECT POTASSIUM ION TRANSPORT	40
KIM, KE CHUNG	R13 AI 22006-01	3,000	PENNSYLVANIA STATE UNIVERSITY PARK INTERNATIONAL CONFERENCE ON BLACK FLIES	40
RIDDIFORD, LYNN M	R01 AI 12459-10	141,181	UNIVERSITY OF WASHINGTON HORMONAL REGULATION OF THE INSECT EPIDERMIS	40
	3	281,350		
			TICKS & MITES	
ARLIAN, LARRY G	R01 AI 17252-04	105,838	WRIGHT STATE UNIVERSITY SCABIES: BIOLOGY, CULTURE HOST SPECIFICITY AND ANTIGENS	40
BROWN, STEPHEN J	R01 AI 22361-01	86,926	UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN CHARACTERIZATION/TICK ANTIGENS ELICITING HOST IMMUNITY	40
OLIVER, JAMES H, JR	R01 AI 09556-16	98,152	GEORGIA SOUTHERN COLLEGE REPRODUCTION IN TICKS AND MITES	40
SONENSHINE, DANIEL E	R01 AI 10986-11	0*	OLD DOMINION UNIVERSITY PHEROMONES OF DISEASE TRANSMITTING TICKS	40

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			TICKS & MITES	
SPIELMAN, ANDREW	R01 AI 15886-07	174,427	HARVARD UNIVERSITY DEVELOPMENT OF BABESIA MICROTI AND SPIROCHETES IN TICKS	40
SPIELMAN, ANDREW	R01 AI 19693-03	137,333	HARVARD UNIVERSITY HOST ABUNDANCE AND TRANSMISSION OF IXODES-BORNE ZOONOSES	40
TRAUB, ROBERT	R01 AI 04242-24	194,723	UNIVERSITY OF MARYLAND AT BALTIMORE IMPORTANT GENERA OF SIPHONAPTERA	40
	7	797,399		
			ARTHROPODS, GENERAL AND OTHER	
BOROVSKY, DOV	R13 AI 22518-01	2,000	UNIVERSITY OF FLORIDA HOST REGULATED DEVELOPMENTAL MECHANISMS IN ARTHROPODS	40
HAPP, GEORGE M	R01 AI 15662-08	100,554	UNIVERSITY OF VERMONT & ST AGRIC COLLEGE CONTROL OF REPRODUCTIVE MATURATION: AN INSECT MODEL	40
HILDEBRAND, JOHN G	R01 AI 23253-01	151,452	UNIVERSITY OF ARIZONA CENTRAL MECHANISMS OF ANTENNAL SENSES IN INSECTS	40
STAY, BARBARA A	R01 AI 15230-06	74,611	UNIVERSITY OF IOWA CONTROL OF JUVENILE HORMONE SYNTHESIS	40
	4	328,617		
			MOLLUSCS	
SOKOLOVE, PHILLIP G	R01 AI 16259-07	77,037	UNIVERSITY OF MARYLAND BALT CO CAMPUS PHOTOSTIMULATED NEUROSECRETION AND SEXUAL MATURATION	40
SULLIVAN, JOHN T	R15 AI 23147-01	51,808	LAMAR UNIVERSITY HEMATOPOIESIS IN SCHISTOSOME-TRANSMITTING SNAILS	40
YOSHINO, TIMOTHY P	R22 AI 15503-07	59,749	UNIVERSITY OF OKLAHOMA NORMAN IMMUNOBIOLOGY OF SCHISTOSOME-MOLLUSC INTERACTIONS	40
	3	188,594		

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			BIOLOGICAL REGULATION OF VECTORS	
ANDERSON, JOHN R	R01 AI 20245-03	92,605	UNIVERSITY OF CALIFORNIA BERKELEY BIOLOGICAL CONTROL OF MOSQUITOES WITH LAMBORNELLA CLARKI	40
AXTELL, RICHARD C	R01 AI 20886-02	66,535	NORTH CAROLINA STATE UNIVERSITY RALEIGH FUNGAL AGENTS FOR INTEGRATED MOSQUITO CONTROL	40
BHASKARAN, GOVINDAN	R01 AI 20602-02	75,924	TEXAS AGRI AND MECH UNIV COLLEGE STATION REGULATION OF CORPUS ALLATUM ACTIVITY IN INSECTS	40
BRADLEY, TIMOTHY J	R22 AI 17736-05	72,232	UNIVERSITY OF CALIFORNIA IRVINE CELLULAR DEFENSE MECHANISMS IN MOSQUITOES	40
BURKE, WILLIAM F JR	R01 AI 20918-02	76,971	ARIZONA STATE UNIVERSITY MOSQUITO LARVICIDAL BACILLI: GENETIC MANIPULATION	40
CAMPBELL, JAMES W	R01 AI 05006-21	0*	RICE UNIVERSITY METABOLISM OF GASTROPOD MOLLUSKS	40
CRAIG, GEORGE B, JR	R01 AI 02753-26	261,216	UNIVERSITY OF NOTRE DAME FACTORS AFFECTING VECTOR COMPETENCE IN AEDES TRISERIATUS	40
DAVIS, GEORGE M	R22 AI 11373-12	93,428	ACADEMY OF NATURAL SCIENCES ANALYSIS OF MOLLUSCAN FAUNAS AND ASIAN SCHISTOSOMIASIS	40
DENLINGER, DAVID L	R01 AI 21321-02	108,999	OHIO STATE UNIVERSITY ANDROGENS AND ESTROGENS IN INSECTS	40
EISNER, THOMAS	R01 AI 02908-27	176,070	CORNELL UNIVERSITY ITHACA SECRETIONS OF ARTHROPODS	40
FEDERICI, BRIAN A	R01 AI 12772-08	66,168	UNIVERSITY OF CALIFORNIA RIVERSIDE EVALUATION OF COELOMOMYCES FUNGI FOR MOSQUITO CONTROL	40
FUCHS, MORTON S	R01 AI 10707-14	207,757	UNIVERSITY OF NOTRE DAME REPRODUCTIVE PHYSIOLOGY OF AEDES MOSQUITOES	40
MEINWALD, JERROLD	R01 AI 12020-13	251,314	CORNELL UNIVERSITY ITHACA CHEMISTRY OF ARTHROPOD SECRETIONS	40
MOLLOY, DANIEL P	R01 AI 15605-06	53,738	UNIVERSITY OF THE STATE OF NEW YORK EVALUATION OF A SIMULIID BIOCONTROL AGENT	40

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			BIOLOGICAL REGULATION OF VECTORS	
NAKANISHI, KOJI	R01 AI 10187-15	305,308	COLUMBIA UNIVERSITY NEW YORK STUDIES ON INSECT AND MARINE GROWTH REGULATORS	40
NICKERSON, KENNETH W	R01 AI 16538-03	42,613	UNIVERSITY OF NEBRASKA LINCOLN THE MOLECULAR BASIS OF MOSQUITO CONTROL BY BACTERIA	40
PFANNENSTIEL, MARY ANN	R23 AI 21021-02	48,274	UNIVERSITY OF NEBRASKA LINCOLN MOSQUITO BIOCONTROL VIA CLONING THE BTI TOXIN GENE	40
ROBERTS, P ELAINE	R01 AI 18470-03	71,817	COLORADO STATE UNIVERSITY GRASSHOPPER REPRODUCTION REGULATION BY JUVENILE HORMONE	40
YOUSTEN, ALLAN A	R01 AI 20751-02	24,264	VIRGINIA COMMONWEALTH UNIVERSITY CELL SURFACE PROTEIN OF BACILLUS SPHAERICUS	40
	19	2,095,233		
CHERNIN, ELI	K06 AI 02455-22	32,670	HARVARD UNIVERSITY STUDY OF PATHOGENS BY IN VITRO AND RELATED METHODS	40
	1	32,670		

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RESEARCH GRANTS & CAREER PROGRAMS

TOTAL 690 AWARDS FUNDED -- $108,007,440 *PLUS 38 GRANTS ACTIVE; NOT 1985 FUNDS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ANTIGENS, STRUCTURE AND FUNCTION	
ERLANGER, BERNARD F	R01 AI 06860-20	231,116	COLUMBIA UNIVERSITY NEW YORK IMMUNOCHEMICAL STUDIES ON NUCLEIC ACIDS	02
GREY, HOWARD M	R01 AI 18634-04	210,794	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST MOLECULAR EVENTS IN ANTIGEN RECOGNITION	02
HEBER-KATZ, ELLEN	R01 AI 22528-01	143,844	WISTAR INSTITUTE OF ANATOMY AND BIOLOGY IMMUNOBIOLOGY OF ANTI VIRAL T CELL RESPONSES	03
HOCH, SALLIE O	R01 AI 21083-03	156,870	AGOURON INSTITUTE NUCLEAR PROTEINS AND AUTOIMMUNITY	01
KINSKY, STEPHEN C	R01 AI 15796-08	131,900	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST IMMUNOGENICITY OF LIPOSOMES	02
KLINMAN, NORMAN R	P01 AI 19499-03	765,774	SCRIPPS CLINIC AND RESEARCH FOUNDATION BASIS OF DETERMINANT RECOGNITION BY THE IMMUNE SYSTEM	02
PATERSON, YVONNE	R01 AI 21486-01	121,893	SCRIPPS CLINIC AND RESEARCH FOUNDATION THE INTERACTIONS OF SYNTHETIC PEPTIDES WITH ANTIBODIES	02
RICH, ROBERT R	R01 AI 15394-07	139,790	BAYLOR COLLEGE OF MEDICINE HUMAN IMMUNE RESPONSES TO HAPTENS IN VITRO	02
	8	1,901,981		
			ANTIBODIES, STRUCTURE, FUNCTION AND SYNTHESIS	
ABRAHAM, GEORGE N	R01 AI 19658-02	118,842	UNIVERSITY OF ROCHESTER STUDIES OF HUMAN MONOCLONAL IGG CRYOGLOBULINS	04
AMZEL, LEON M	R01 AI 20293-03	57,257	JOHNS HOPKINS UNIVERSITY CONFORMATION OF THE COMBINING SITE OF IMMUNOGLOBULINS	02
ATASSI, M ZOUHAIR	R01 AI 21336-02	166,312	BAYLOR COLLEGE OF MEDICINE DISSECTION OF ANTIGEN RECOGNITION AT THE CLONAL LEVEL	02
BENACERRAF, BARUJ	R01 AI 20248-03	242,555	HARVARD UNIVERSITY IMMUNOLOGY OF MHC RESTRICTION OF T CELLS	02

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ANTIBODIES, STRUCTURE, FUNCTION AND SYNTHESIS	
BENJAMIN, DAVID C	R01 AI 20745-02	117,190	UNIVERSITY OF VIRGINIA CHARLOTTESVILLE DETERMINANT SELECTION AND ANTIGENIC DETERMINANTS	02
BIRSHTEIN, BARBARA K	R01 AI 13509-10	234,907	YESHIVA UNIVERSITY CELLULAR AND STRUCTURAL STUDIES OF MYELOMA MUTANTS	02
BLOMBERG, BONNIE B	R01 AI 21870-01	88,309	UNIVERSITY OF MIAMI STUDIES ON HUMAN LAMBDA LIGHT CHAIN IMMUNOGLOBULIN GENES	03
BOSMA, MELVIN J	R01 AI 13323-10	181,293	INSTITUTE FOR CANCER RESEARCH ALLOTYPE-SPECIFIC T CELLS	02
BUCKLEY, REBECCA H	R01 AI 20773-02	118,164	DUKE UNIVERSITY IN VITRO STUDIES OF HUMAN IGE SYNTHESIS	01
CAPRA, J DONALD	R01 AI 12127-11	246,696	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS IMMUNOGLOBULIN V REGION STRUCTURES: GENETIC IMPLICATION	02
CEBRA, JOHN J	R01 AI 17997-06	292,734	UNIVERSITY OF PENNSYLVANIA CELLULAR AND HUMORAL BASES OF MUCOSAL IMMUNE RESPONSE	01
CHEN, SWEY-SHEN	R23 AI 22569-01	55,688	CASE WESTERN RESERVE UNIVERSITY REGULATION OF IGE ANTIBODY PRODUCTION IN VITRO	01
CLAFLIN, J LATHAM	R01 AI 12533-11	206,426	UNIVERSITY OF MICHIGAN AT ANN ARBOR CONTROL OF ANTIBODY DIVERSITY AND EXPRESSION	02
CLEM, LESTER W	R01 AI 18342-03	0*	UNIVERSITY OF MISSISSIPPI MEDICAL CENTER INTRAMOLECULAR HETEROGENEITY OF IGM ANTIBODIES	02
COICO, RICHARD F	R23 AI 22645-01	59,305	NEW YORK UNIVERSITY IMMUNOREGULATORY ACTIVITY OF IGD	02
CONLEY, MARY E	R01 AI 21477-02	101,145	CHILDREN'S HOSPITAL OF PHILADELPHIA IN VITRO ANTIBODY RESPONSE TO ORAL IMMUNIZATION	01
COWING, CAROL O	R01 AI 23659-01	230,300	MEDICAL BIOLOGY INSTITUTE ROLE OF ACCESSORY CELLS IN IMMUNE RESPONSES	02
DAVIE, JOSEPH M	R01 AI 15926-06	156,875	WASHINGTON UNIVERSITY PAUCICLONAL IMMUNITY: MODELS FOR DIVERSIFICATION	02

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ANTIBODIES, STRUCTURE, FUNCTION AND SYNTHESIS	
DE FREITAS, ELAINE C	R01 AI 19987-03	129,219	WISTAR INSTITUTE OF ANATOMY AND BIOLOGY FUNCTION OF ANTIGEN-SPECIFIC T CELL HYBRIDOMAS HELPER	02
DRAY, SHELDON	R01 AI 07043-20	0*	UNIVERSITY OF ILLINOIS AT CHICAGO IMMUNOGLOBULIN ALLOTYPES	02
DUTTON, RICHARD W	R01 AI 08795-17	289,684	UNIVERSITY OF CALIFORNIA SAN DIEGO CELLULAR MECHANISMS IN THE IMMUNE RESPONSE	02
ECKELS, DAVID D	R01 AI 22832-01	103,842	BLOOD CENTER OF SOUTHEASTERN WISCONSIN GENETIC REGULATION OF HUMAN T-LYMPHOCYTE CLONES	03
FAN, DAVID P	R01 AI 15067-07	147,562	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL ANTIGEN RECOGNITITON BY CYTOTOXIC T LYMPHOCYTES	03
FELSBURG, PETER J	R01 AI 20860-01A1	182,695	UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN MODEL OF SELECTIVE IGA DEFICIENCY	01
FERRONE, SOLDANO	R01 AI 21384-02	209,562	NEW YORK MEDICAL COLLEGE DISSECTION OF GENE PRODUCTS OF HUMAN I REGION	03
FORMAN, JAMES M	R01 AI 13111-10	168,930	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS ANALYSIS OF H-2 MUTANT STRAINS	03
FORSTROM, JOHN	R43 AI 22334-01	50,000	ZYMOGENETICS, INC. ANTIBODY PRODUCTION WITH TRACE QUANTITIES OF PROTEINS	02
GEFTER, MALCOLM L	R01 AI 13357-10	134,392	MASSACHUSETTS INSTITUTE OF TECHNOLOGY REGULATORY MECHANISMS IN NORMAL AND NEOPLASTIC CELLS	02
GOLDBLUM, RANDALL M	R01 AI 21412-02	105,170	UNIVERSITY OF TEXAS MED BR GALVESTON STRUCTURE AND FUNCTION OF HUMAN SECRETORY COMPONENT	01
GOLDMAN, JOHN N	R01 AI 19947-02	0*	MICHAEL REESE HOSP & MED CTR (CHICAGO) MURINE COMPLEMENT: AN UNUSUAL NEW ACTIVITY	04
GOODMAN, JOEL W	R01 AI 05664-22	258,565	UNIVERSITY OF CALIFORNIA SAN FRANCISCO STRUCTURE OF IMMUNOLOGIC DETERMINANTS OF PROTEINS	02
GREENE, MARK I	R01 AI 22870-01	178,828	NEW ENGLAND MEDICAL CENTER HOSPITALS,INC SUPPRESSOR T CELLS IN HAPTEN SPECIFIC IMMUNITY	02

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RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ANTIBODIES, STRUCTURE, FUNCTION AND SYNTHESIS	
GUTMAN, GEORGE A	R01 AI 14774-08	123,634	UNIVERSITY OF CALIFORNIA IRVINE STRUCTURE AND GENE ORGANIZATION OF RAT KAPPA CHAINS	03
HUFF, THOMAS F	R23 AI 22696-01	53,751	VIRGINIA COMMONWEALTH UNIVERSITY HUMAN MONOCLONAL IGE-BINDING FACTORS	01
ISHIZAKA, KIMISHIGE	R01 AI 11202-13	211,706	JOHNS HOPKINS UNIVERSITY REGULATION OF REAGINIC ANTIBODY RESPONSE	01
JANEWAY, CHARLES A, JR	R01 AI 14579-08	158,701	YALE UNIVERSITY INFLUENCE OF H-2 ANTIGENS ON T CELL RESPONSES	02
JONES, PATRICIA P	R01 AI 15732-07	169,697	STANFORD UNIVERSITY GENETICS, STRUCTURE, AND EXPRESSION OF IA ANTIGENS	03
KARUSH, FRED	R01 AI 09492-25	146,552	UNIVERSITY OF PENNSYLVANIA INTERACTIONS OF IMMUNOGLOBULINS	02
KATZ, DAVID H	R01 AI 19477-04	202,209	MEDICAL BIOLOGY INSTITUTE REGULATION OF IGE SYNTHESIS IN HUMANS	01
KIM, JUNGSUH	R44 AI 21604-02	233,118	GENE LABS INC PRODUCTION OF COMPOSITE MONOCLONAL IMMUNOGLOBULINS	02
KITONO, HIROSHI	R23 AI 21032-02	49,000	UNIVERSITY OF ALABAMA AT BIRMINGHAM THE ROLE OF FCA R FOR T CELL REGULATION OF IGA RESPONSES	04
KNIGHT, KATHERINE L	R01 AI 11234-13	157,425	UNIVERSITY OF ILLINOIS AT CHICAGO STRUCTURE AND GENETIC CONTROL OF IGA	02
KNIGHT, KATHERINE L	R01 AI 16611-06	140,180	UNIVERSITY OF ILLINOIS AT CHICAGO GENETIC CONTROL OF IMMUNOGLOBULIN VARIABLE REGIONS	03
KORN, LAURENCE J	R01 AI 21298-02	120,737	STANFORD UNIVERSITY REGULATION OF IMMUNOGLOBULIN GENE EXPRESSION	03
KOSHLAND, MARIAN E	R01 AI 07079-20	213,835	UNIVERSITY OF CALIFORNIA BERKELEY MECHANISMS OF ANTIBODY BIOSYNTHESIS	02
LAWRENCE, H SHERWOOD	R01 AI 19369-03S1	68,341	NEW YORK UNIVERSITY NATURE OF INDUCER & SUPPRESSOR	04

(*) = ACTIVE; NO FY 1985 FUNDS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ANTIBODIES, STRUCTURE, FUNCTION AND SYNTHESIS	
LEHRER, SAMUEL B	R01 AI 18846-03	129,130	TULANE UNIVERSITY OF LOUISIANA IGE ISOTYPE SUPPRESSION MECHANISMS AND EFFECTS	01
LEUNG, DONALD Y	R01 AI 22058-01	135,108	CHILDREN'S HOSPITAL (BOSTON) REGULATION OF IGE SYNTHESIS IN MAN	01
LITMAN, GARY W	R01 AI 20679-01A1	155,902	SLOAN-KETTERING INSTITUTE FOR CANCER RES EARLY EVOLUTIONARY ORIGIN OF IMMUNOGLOBULIN GENES	03
LITMAN, GARY W	R01 AI 23338-01	179,540	SHOWA UNIVERSITY RES INST/BIOMED IN FLA EARLY EVOLUTIONARY ORIGIN OF IMMUNOGLOBULIN GENES	03
LIU, FU-TONG	R01 AI 20958-02	206,210	MEDICAL BIOLOGY INSTITUTE GENE EXPRESSION--STRUCTURE AND FUNCTION OF IGE	01
LOBUGLIO, ALBERT F	R01 AI 20792-03	135,875	UNIVERSITY OF ALABAMA AT BIRMINGHAM HUMAN IMMUNE CYTOPENIAS-STUDIES WITH MONOCLONAL ANTIBODY	04
MALLEY, ARTHUR	R01 AI 19532-03	93,811	MEDICAL RESEARCH FOUNDATION OF OREGON ANTI-IDIOTYPE REGULATION OF TIMOTHY IGE FORMATION	01
MANDY, WILLIAM J	R01 AI 07184-19	0*	UNIVERSITY OF TEXAS AUSTIN ANTIGLOBULIN ANTIBODIES	02
MARGOLIASH, EMANUEL	R01 AI 12001-09A1	163,770	NORTHWESTERN UNIVERSITY ANTIGENICITY OF GLOBULAR PROTEINS	02
MARRACK, PHILIPPA C	P01 AI 22295-01	412,911	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST ANTIGEN RECOGNITION BY T CELLS	02
MARSH, DAVID G	R01 AI 20059-03	279,522	JOHNS HOPKINS UNIVERSITY GENETIC STUDIES OF HUMAN IMMUNE RESPONSE	01
MATHER, ELIZABETH L	R01 AI 20443-03	157,250	LA JOLLA CANCER RESEARCH FOUNDATION MOLECULAR MECHANISMS REGULATING IGD EXPRESSION	02
MAURER, PAUL H	R01 AI 07825-19	209,096	THOMAS JEFFERSON UNIVERSITY IMMUNOLOGICAL STUDIES WITH SYNTHETIC POLYPEPTIDES	02
MC GHEE, JERRY R	R01 AI 18958-04	132,997	UNIVERSITY OF ALABAMA AT BIRMINGHAM CELLULAR AND MOLECULAR BASIS FOR THE IGA RESPONSE	04

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ANTIBODIES, STRUCTURE, FUNCTION AND SYNTHESIS	
MC GHEE, JERRY R	R01 AI 19674-03	97,035	UNIVERSITY OF ALABAMA AT BIRMINGHAM LPS REGULATION OF THE IGA IMMUNE RESPONSE	04
MC GUE, MATTHEW K	R01 AI 21555-02	20,879	WASHINGTON UNIVERSITY GENETIC EPIDEMIOLOGY OF IMMUNOGLOBULINS AND ALLERGY	03
MCCONNELL, HARDEN M	R01 AI 13587-10	231,685	STANFORD UNIVERSITY IMMUNOLOGY AND BIOPHYSICS OF RECONSTITUTED MEMBRANES	02
MESTECKY, JIRI F	R01 AI 10854-14	120,203	UNIVERSITY OF ALABAMA AT BIRMINGHAM SECRETORY IGA SYSTEM: MOLECULAR-CELLULAR INTERACTIONS	04
MESTECKY, JIRI F	P01 AI 18745-04	276,555	UNIVERSITY OF ALABAMA AT BIRMINGHAM PHYSIOLOGY AND IMMUNOPATHOLOGY OF IGA IMMUNE COMPLEXES	04
MICHAEL, JACOB G	R01 AI 15520-06	129,935	UNIVERSITY OF CINCINNATI MODULATION OF IMMUNE RESPONSE BY PROTEIN FRAGMENTS	02
MOSTOV, KEITH E	R23 AI 21752-01	87,033	WHITEHEAD INSTITUTE FOR BIOMEDICAL RES RECEPTOR-MEDIATED TRANSPORT OF IGA AND IGM ACROSS CELLS	01
MURPHY, DONAL B	R01 AI 14349-09	186,003	YALE UNIVERSITY MICROHETEROGENEITY OF IA MOLECULES AND IR GENE FUNCTION	03
OWEN, JUDITH A	R15 AI 23106-01	59,035	HAVERFORD COLLEGE ANTIBODY DIVERSITY IN THE FLUORESCEIN SPECIFIC RESPONSE	03
OWICKI, JOHN C	R01 AI 19605-03	72,984	UNIVERSITY OF CALIFORNIA BERKELEY IMMUNOLOGICAL RECOGNITION OF MODEL MEMBRANES	02
PALMER, EDWARD	R01 AI 22259-01	127,471	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST GENETICS OF T-LYMPHOCYTE ANTIGEN RECEPTORS	03
PERRY, ROBERT P	R01 AI 17330-05	119,761	INSTITUTE FOR CANCER RESEARCH STUDIES OF IMMUNOGLOBULIN AND RIBOSOMAL PROTEIN GENES	02
PIERCE, CARL W	R01 AI 13915-10	171,411	JEWISH HOSPITAL OF ST. LOUIS CELL INTERACTIONS IN IMMUNE RESPONSES IN VITRO	02
PIERCE, NATHANIEL F	R01 AI 19547-03	138,610	JOHNS HOPKINS UNIVERSITY ADJUVANTS FOR SPECIFIC SECRETORY IGA RESPONSES	64

RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ANTIBODIES, STRUCTURE, FUNCTION AND SYNTHESIS	
PUTNAM, DAVID L	R23 AI 18493-02	0*	UNIVERSITY OF WASHINGTON BONE MARROW CELL MEMBRANE IMMUNOGLOBULINS	02
RIBLET, ROY J	R01 AI 13797-09	104,035	INSTITUTE FOR CANCER RESEARCH GENETIC ANALYSIS OF THE IMMUNE RESPONSE	02
RIBLET, ROY J	R01 AI 23548-01	67,039	MEDICAL BIOLOGY INSTITUTE GENETIC ANALYSIS OF THE IMMUNE RESPONSE	02
RICHARDS, FRANK F	R01 AI 08614-18	310,560	YALE UNIVERSITY IMMUNOCHEMISTRY OF A POLYGENE SYSTEM	02
ROSE, STEPHEN M	R01 AI 22586-01	119,403	UNIVERSITY OF NEW MEXICO ALBUQUERQUE CHROMATIN CHANGES DURING IMMUNOGLOBULIN GENE ACTIVATION	03
RUBEN, LAURENS N	R01 AI 12846-11	90,874	REED COLLEGE THE EVOLUTION AND DEVELOPMENT OF IMMUNE RESPONSES	03
SAKANO, HITOSHI	R01 AI 18790-04	142,785	UNIVERSITY OF CALIFORNIA BERKELEY SOMATIC DNA RECOMBINATION IN ANTIBODY GENES	03
SAXON, ANDREW	R01 AI 15251-07	139,793	UNIVERSITY OF CALIFORNIA LOS ANGELES REGULATION OF HUMAN IGE IN HEALTH AND DISEASE	01
SCHARFF, MATTHEW D	R01 AI 05231-22	205,224	YESHIVA UNIVERSITY SYNTHESIS AND ASSEMBLY OF MUTANT CONOCLONAL ANTIBODIES	02
SCHIFFER, MARIANNE	R01 AI 19590-02	0*	UNIVERSITY OF CHICAGO STUDY OF ANTI-IDIOTYPIC ANTIBODIES	02
SCHWARTZ, STANLEY A	R01 AI 19890-03	116,325	UNIVERSITY OF MICHIGAN AT ANN ARBOR IMMUNOREGULATION IN SELECTIVE IGA DEFICIENCY	01
SEHON, ALEC	R01 AI 14526-08	53,000	UNIVERSITY OF MANITOBA SUPPRESSION OF THE IGE RESPONSE	01
SERCARZ, ELI E	R01 AI 11183-13	161,673	UNIVERSITY OF CALIFORNIA LOS ANGELES REGULATORY CIRCUITRY USING DEFINED PROTEIN ANTIGENS	02
SISKIND, GREGORY W	R01 AI 11694-10	133,495	CORNELL UNIVERSITY MEDICAL CENTER STUDIES ON ANTIBODY AFFINITY AT THE CELLULAR LEVEL	02

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ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ANTIBODIES, STRUCTURE, FUNCTION AND SYNTHESIS	
SKAMENE, EMIL	R13 AI 21618-01	4,000	MEDICAL COLLEGE OF GEORGIA SYMPOSIUM ON GENETIC CONTROL OF HOST RESISTANCE	03
SPIEGELBERG, HANS L	R01 AI 10734-13	205,878	SCRIPPS CLINIC AND RESEARCH FOUNDATION STUDIES OF FC RECEPTORS AND IG BINDING FACTORS	01
STEINER, LISA A	R01 AI 08054-19	199,497	MASSACHUSETTS INSTITUTE OF TECHNOLOGY STRUCTURE AND DIVERSITY IN THE IMMUNE SYSTEM	02
TARTAKOFF, ALAN M	R01 AI 21269-02	138,502	CASE WESTERN RESERVE UNIVERSITY GOLGI COMPLEX: BIOCHEMICAL-CYTOLOGIC STUDIES	02
TONEGAWA, SUSUMU	R01 AI 17879-05	276,609	MASSACHUSETTS INSTITUTE OF TECHNOLOGY DIVERSITY AND ORGANIZATION OF IMMUNOGLOBULIN GENES	02
TUCKER, PHILIP W	R01 AI 18016-06	124,268	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS HEAVY CHAIN GENE ORGANIZATION--TRANSFORMED B LYMPHOCYTES	02
UNANUE, EMIL R	R01 AI 22033-01	176,768	WASHINGTON UNIVERSITY STUDIES OF ANTIGEN STIMULATION	02
VANN, DOUGLAS C	R44 AI 20802-03	250,000	HAWAII BIOTECHNOLOGY GROUP, INC. DEVELOPMENT OF PALYTOXIN IMMUNOTOXINS	02
VOSS, EDWARD W, JR	R01 AI 20960-02	84,973	UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN DIVERSITY AND THE IMMUNE RESPONSE	02
WALKER, SHARYN M	R01 AI 21219-02	103,621	CHILDREN'S HOSPITAL OF LOS ANGELES MODULATION OF THE IMMUNE RESPONSE BY ADJUVANTS	02
WIRA, CHARLES R	R01 AI 13541-09	162,871	DARTMOUTH COLLEGE SEX HORMONE REGULATION OF IMMUNOGLOBULINS	02
YUAN, DOROTHY C	R01 AI 20046-03	96,985	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS REGULATION OF C AND C GENES IN BCL1 LYMPHOMA CELLS	02
	100	14,379,233		
BRILES, DAVID E	K04 AI 00498-04	52,431	UNIVERSITY OF ALABAMA AT BIRMINGHAM MECHANISMS OF GENETIC DEFECTS IN DISEASE RESISTANCE	02

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ANTIBODIES, STRUCTURE, FUNCTION AND SYNTHESIS	
DE PINHO, RONALD A	K11 AI 00602-02	55,313	YESHIVA UNIVERSITY THE SOMATIC CELL GENETICS OF ANTIBODY DIVERSIFICATION	02
KARUSH, FRED	K06 AI 14012-24	17,456	UNIVERSITY OF PENNSYLVANIA IMMUNOLOGY AND IMMUNOCHEMISTRY	02
MIDDAUGH, CHARLES R	K04 AI 00663-01	51,840	UNIVERSITY OF WYOMING BIOCHEMISTRY OF CRYOIMMUNOGLOBULINS	04
ZIEGLER, HARRY K	K04 AI 00620-02	49,960	EMORY UNIVERSITY ANTIGEN PRESENTATION BY MACROPHAGES	02
	5	227,000		
			CELLULAR IMMUNOLOGY AND IMMUNOREGULATION	
ABBAS, ABUL K	R01 AI 22560-01	214,871	BRIGHAM AND WOMEN'S HOSPITAL VIRUS TRANSFORMED HAPTEN-SPECIFIC B LYMPHOCYTE LINES	02
ABBAS, ABUL K	R01 AI 22827-01	154,187	BRIGHAM AND WOMEN'S HOSPITAL REGULATORY MECHANISMS IN ANTIBODY PRODUCTION	02
ABEL, CARLOS A	R01 AI 22000-01	0*	MEDICAL RESEARCH INSTITUTE OF SAN FRAN DIFFERENTIATION OF THYMOCYTES	02
ACUTO, ORESTE	R01 AI 22211-01	154,112	DANA-FARBER CANCER INSTITUTE ANTI-PEPTIDE ANTIBODIES TO HUMAN T CELL RECEPTORS	02
ADLER, LOUISE T	R01 AI 13159-11	101,332	ST. JUDE CHILDREN'S RESEARCH HOSPITAL IMMUNOGLOBULIN ALLOTYPES--SUPPRESSION AND RELEASE	02
ALDO-BENSON, MARLENE A	R01 AI 21066-02	78,185	INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS HAPTEN RECEPTOR INTERACTION IN DNAP SPECIFIC B CELL LINE	02
ARNAOUT, M AMIN	R01 AI 21964-01	132,743	CHILDREN'S HOSPITAL (BOSTON) MOLECULAR BASIS OF MO1/LFAI DEFICIENCY IN MAN	03
ASHMAN, ROBERT F	R01 AI 22630-01	166,429	UNIVERSITY OF IOWA ACTIVATION EVENTS IN TOLERANT AND NORMAL B CELLS	02

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CELLULAR IMMUNOLOGY AND IMMUNOREGULATION	
AUERBACH, ROBERT	R01 AI 19948-02	89,119	UNIVERSITY OF WISCONSIN MADISON ORIGIN OF LYMPHOCYTES IN THE EMBRYONIC OMENTUM	02
AUGUSTIN, ANDREI A	R01 AI 19775-04	151,432	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST T HELPER CELLS: FUNCTION AND ANTIGEN RECOGNITION	02
BAIRD, BARBARA A	R01 AI 18306-05	124,757	CORNELL UNIVERSITY ITHACA STRUCTURE - FUNCTION RELATIONSHIPS OF THE IGE RECEPTOR	01
BANKERT, RICHARD B	R01 AI 19827-03	105,291	NEW YORK STATE DEPT OF HEALTH HUMAN B-CELL LINES: ACTIVATION/DIFFERENTIATION	02
BARISAS, B GEORGE	R01 AI 21873-01	139,658	COLORADO STATE UNIVERSITY LATERAL AND ROTATIONAL DYNAMICS IN BIOLOGICAL MEMBRANES	02
BELLER, DAVID I	R01 AI 17926-04A1	152,670	HARVARD UNIVERSITY CONTROL OF MACROPHAGE ANTIGEN-PRESENTING FUNCTION	02
BELLONE, CLIFFORD J	R01 AI 13115-10	143,252	ST. LOUIS UNIVERSITY IDIOTYPES: THEIR ROLE IN RECOGNITION AND REGULATION	02
BENACERRAF, BARUJ	P01 AI 14732-08	750,882	HARVARD UNIVERSITY LYMPHOCYTE BIOLOGY PROGRAMS	02
BENNINK, JACK	R01 AI 20338-03	116,665	WISTAR INSTITUTE OF ANATOMY AND BIOLOGY CYTOTOXIC T CELL HYBRIDOMAS	03
BESCHORNER, WILLIAM E	R01 AI 20173-03	87,601	JOHNS HOPKINS UNIVERSITY HUMAN CYTOTOXIC LYMPHOCYTES IN IMMUNE DISORDERS	04
BEVAN, MICHAEL J	R13 AI 22366-01	6,500	GORDON RESEARCH CONFERENCES CONFERENCE ON IMMUNOCHEMISTRY AND IMMUNOBIOLOGY	02
BIKOFF, ELIZABETH K	R01 AI 19047-04A2	148,370	MOUNT SINAI SCHOOL OF MEDICINE INHERITED CONTROL MECHANISMS IN IG GENE EXPRESSION	02
BLOOM, BARRY R	R01 AI 07118-20	177,418	YESHIVA UNIVERSITY THE BIOCHEMICAL BASIS OF DELAYED-TYPE HYPERSENSITIVITY	02
BLOOM, BARRY R	R01 AI 09807-16	215,759	YESHIVA UNIVERSITY THE CELLULAR BASIS OF DELAYED-TYPE HYPERSENSITIVITY	02

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CELLULAR IMMUNOLOGY AND IMMUNOREGULATION	
BONDADA, SUBBARAO	R01 AI 21490-02	87,563	UNIVERSITY OF KENTUCKY B-LYMPHOCYTE RECEPTORS FOR GROWTH AND MATURATION FACTORS	02
BOURGUIGNON, LILLY Y	R01 AI 19188-04	109,852	UNIVERSITY OF MIAMI BIOCHEMICAL AND IMMUNOCYTOCHEMICAL LYMPHOCYTE STUDIES	02
BOWERS, WILLIAM E	R01 AI 17887-04A1	98,663	MARY IMOGENE BASSETT HOSPITAL DENDRITIC CELLS: IMMUNOLOGY AND BIOCHEMISTRY	02
BRAUN, JONATHON	R01 AI 22673-01	154,521	UNIVERSITY OF CALIFORNIA LOS ANGELES IMMUNOGLOBULIN GENE EXPRESSION IN BYL CELLS	02
BURAKOFF, STEVEN J	R01 AI 17258-06	178,681	DANA-FARBER CANCER INSTITUTE INDUCTION AND SPECIFICITY OF CYTOLYTIC T LYMPHOCYTE	03
BUSHKIN, YURI	R23 AI 21579-01	50,250	SLOAN-KETTERING INSTITUTE FOR CANCER RES BIOCHEMICAL STUDIES ON HUMAN T CELL RECEPTOR MOLECULES	02
BUTCHER, EUGENE C	R01 AI 19957-03	95,095	STANFORD UNIVERSITY ENDOTHELIAL CELL RECOGNITION IN LYMPHOCYTE HOMING	02
BUTTKE, THOMAS M	R01 AI 22607-01	96,146	UNIVERSITY OF MISSISSIPPI MEDICAL CENTER LIPID METABOLISM AND FUNCTION IN LYMPHOCYTES	02
CAHALAN, MICHAEL D	R01 AI 21808-01	134,493	UNIVERSITY OF CALIFORNIA IRVINE THE ROLE OF ION CHANNELS IN T LYMPHOCYTE ACTIVATION	02
CAMBIER, JOHN C	R01 AI 20519-03	123,716	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST MOLECULAR BIOLOGY OF B CELL TOLERANCE AND ACTIVATION	02
CAMBIER, JOHN C	R01 AI 21768-01	118,546	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST SIGNAL TRANSDUCTION IN B CELL ACTIVATION	02
CAMPBELL, PRISCILLA A	R01 AI 11240-13	98,076	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST CELL BIOLOGY OF THE IMMUNE RESPONSE TO BACTERIA	02
CANTOR, HARVEY I	R01 AI 12184-11	173,664	DANA-FARBER CANCER INSTITUTE T-CELL SUBPOPULATIONS IN TRANSPLANTATION IMMUNITY	02
CANTOR, HARVEY I	R01 AI 13600-10	154,996	DANA-FARBER CANCER INSTITUTE IMMUNOBIOLOGY OF LY+ T-CELL SUBCLASSES	02

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CELLULAR IMMUNOLOGY AND IMMUNOREGULATION	
CHEN, DIEN-MING B	R23 AI 21337-02	57,984	MICHIGAN CANCER FOUNDATION INTERACTION OF COLONY-STIMULATING FACTOR WITH MONONUCLEA	02
CHERVENAK, ROBERT	R23 AI 22803-01	39,948	LOUISIANA STATE UNIV MED CTR SHREVEPORT ANTIGEN RECEPTORS ON T CELL PRECURSORS	02
CHESS, LEONARD	R01 AI 14969-08	216,694	COLUMBIA UNIVERSITY NEW YORK DIFFERENTIATION ANTIGENS ON HUMAN T CELL SUBCLASSES	04
CHEUNG, HOU T	R23 AI 20343-02	46,892	ILLINOIS STATE UNIVERSITY REGULATION OF LYMPHOCYTE MIGRATION BY MACROPHAGES	02
CHIN, YEE HON	R01 AI 23246-01	118,880	UNIVERSITY OF MIAMI CELL SURFACE STRUCTURES IN LYMPHOCYTE MIGRATION	02
CHING, LAI-MING	R23 AI 19696-03	52,500	UNIVERSITY OF WASHINGTON CYTOTOXIC T LYMPHOCTYE PRECURSORS IN VITRO	02
CHIORAZZI, NICHOLAS	R01 AI 21061-02	132,949	ROCKEFELLER UNIVERSITY STUDIES OF HUMAN HYBRIDOMAS MAKING MONOCLONAL ANTIBODIES	02
CLAMAN, HENRY N	R01 AI 12685-20	194,008	UNIVERSITY OF COLORADO HLTH SCIENCES CTR IMMUNOCOMPETENCE OF THYMUS CELLS	02
CLARK, WILLIAM R	R01 AI 14747-14	138,285	UNIVERSITY OF CALIFORNIA LOS ANGELES GENERATION AND EXPRESSION OF CYTOTOXIC T CELL FUNCTION	03
CLEM, LESTER W	R01 AI 19530-03	106,410	UNIVERSITY OF MISSISSIPPI MEDICAL CENTER IMMUNOLOGIC STUDIES IN ECTOTHERMIC VERTEBRATES	02
COHEN, J JOHN	R01 AI 11661-12	128,627	UNIVERSITY OF COLORADO HLTH SCIENCES CTR MATURATION OF T LYMPHOCYTE PROGENITORS	02
COHEN, STANLEY	R01 AI 12477-11	175,797	UNIVERSITY OF CONNECTICUT HEALTH CENTER CELLULAR ACTIVATION	02
COHEN, STANLEY	R01 AI 16706-05	0*	UNIVERSITY OF CONNECTICUT HEALTH CENTER REGULATION OF LYMPHOKINE ACTIVITY	04
COHN, MELVIN	R01 AI 05875-21	387,641	SALK INSTITUTE FOR BIOLOGICAL STUDIES ANTIBODY SYNTHESIS	02

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RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CELLULAR IMMUNOLOGY AND IMMUNOREGULATION	
COHN, MELVIN	P01 AI 21243-01A1	203,040	SALK INSTITUTE FOR BIOLOGICAL STUDIES IMMUNOREGULATION	04
COHN, ZANVIL A	R01 AI 07012-20	301,816	ROCKEFELLER UNIVERSITY THE PHYSIOLOGY OF MACROPHAGES	02
CONE, ROBERT E	R01 AI 22869-01	161,889	UNIVERSITY OF CONNECTICUT HEALTH CENTER ROLE OF LYMPHOCYTE MEMBRANE PROTEINS IN IMMUNOBIOLOGY	02
CONRAD, DANIEL H	R01 AI 22600-01	108,304	JOHNS HOPKINS UNIVERSITY FUNCTION OF THE FCC RECEPTOR ON B LYMPHOCYTES	01
COOK, RICHARD G	R01 AI 17897-04A1	101,325	BAYLOR COLLEGE OF MEDICINE BIOCHEMISTRY OF QA-TLA REGION GENE PRODUCTS	02
CRAIG, SUSAN W	R01 AI 13700-09	193,197	JOHNS HOPKINS UNIVERSITY CELL SURFACE CONTROL OF LYMPHOCYTE PHYSIOLOGY	02
CROUSE, DAVID A	R01 AI 15819-06	99,827	UNIVERSITY OF NEBRASKA MEDICAL CENTER THE THYMIC MICROENVIRONMENT AND T-CELL DIFFERENTIATION	02
DAILEY, MORRIS O	R01 AI 22730-01	105,483	UNIVERSITY OF IOWA HOMING RECEPTOR EXPRESSION DURING T CELL DIFFERENTIATION	02
DAVID, JOHN R	R01 AI 22532-01	447,885	BRIGHAM AND WOMEN'S HOSPITAL STUDIES ON CELLULAR IMMUNITY	02
DAVIS, MARK M	R01 AI 22511-01	214,046	STANFORD UNIVERSITY MURINE T CELL RECEPTOR STRUCTURE AND EXPRESSION	03
DAYNES, RAYMOND A	R01 AI 20163-02	69,101	UNIVERSITY OF UTAH IMMUNOBIOLOGICAL STUDY OF MATURATION OF THYMOCYTES	02
DE LUCA, DOMINICK	R01 AI 19260-03	77,935	MEDICAL UNIVERSITY OF SOUTH CAROLINA MHC INVOLVEMENT IN LYMPHOCYTE DIFFERENTIATION IN CULTURE	03
DEFRANCO, ANTHONY L	R01 AI 20038-02	87,108	UNIVERSITY OF CALIFORNIA SAN FRANCISCO REGULATION OF B LYMPHOCYTE PROLIFERATION BY ANTIGEN	02
DEMBO, MICAH	R01 AI 21002-02	27,321	UNIVERSITY OF CALIF-LOS ALAMOS NAT LAB BIOPHYSICAL MODELS OF CELL MOTILITY	02

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ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CELLULAR IMMUNOLOGY AND IMMUNOREGULATION	
DIAMOND, BETTY	R01 AI 16166-07	206,303	YESHIVA UNIVERSITY PROPERTIES OF FUNCTIONAL MACROPHAGE CELL LINES	02
DORF, MARTIN E	R01 AI 19683-03	216,974	HARVARD UNIVERSITY ANALYSIS OF THE SUPPRESSOR CELL CASCADE	02
DORSHKIND, KENNETH A	R01 AI 21256-02	111,492	UNIVERSITY OF CALIFORNIA RIVERSIDE IMMUNOBIOLOGY OF B CELL DIFFERENTIATION	02
DREYER, WILLIAM J	R01 AI 22304-01	148,223	CALIFORNIA INSTITUTE OF TECHNOLOGY MOLECULAR BIOLOGY OF LFA-1/MAC-1 ADHESION GLYCOPROTEINS	03
ECKHARDT, LAUREL A	R01 AI 21578-02	130,567	COLUMBIA UNIVERSITY NEW YORK MOLECULAR GENETICS OF LYMPHOCYTE DIFFERENTIATION	02
ELDRIDGE, JOHN H	R23 AI 21774-01	51,312	UNIVERSITY OF ALABAMA AT BIRMINGHAM RECONSTITUTION OF XID B CELLS BY PEYER'S PATCH T CELLS	02
FANGER, MICHAEL W	R01 AI 19053-05	158,707	DARTMOUTH COLLEGE HUMAN LEUKOCYTE SUBPOPULATIONS	04
FATHMAN, C GARRISON	R01 AI 18716-05	132,771	STANFORD UNIVERSITY CHARACTERIZATION OF CLONES OF ALLOREACTIVE CELLS	03
FELDMANN, MARC	R01 AI 19233-03	42,642	UNIVERSITY OF LONDON REGULATION OF HUMAN T AND B CELL RESPONSES IN VITRO	02
FIDELUS-GORT, ROSANNE K	R01 AI 21995-02	85,737	ALBANY MEDICAL COLLEGE OF UNION UNIV INTRACELLULAR MECHANISMS OF LYMPHOCYTE ACTIVATION	02
FINBERG, ROBERT W	R01 AI 20382-03	141,687	DANA-FARBER CANCER INSTITUTE CELL MEDIATED IMMUNE RESPONSE TO MURINE VIRUSES	02
FINBERG, ROBERT W	R01 AI 20541-02	153,993	DANA-FARBER CANCER INSTITUTE IMMUNE REGULATION BY CYTOTOXIC T CELL CLONES	03
FINKELMAN, FRED D	R01 AI 21328-01	0*	U.S. UNIFORMED SERVICES UNIV OF HLTH SCI IN VIVO AND IN VITRO B LYMPHOCYTE ACTIVATION	02
FITCH, FRANK W	R01 AI 04197-24	154,608	UNIVERSITY OF CHICAGO ANTIBODY FORMATION BY LYMPHOID CELLS	02

(*) = ACTIVE; NO FY 1985 FUNDS

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RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CELLULAR IMMUNOLOGY AND IMMUNOREGULATION	
FITCH, FRANK W	R01 AI 18061-04	131,219	UNIVERSITY OF CHICAGO MOLECULAR BASIS FOR T LYMPHOCYTE FACTOR ACTIVITY	02
FLAHERTY, LORRAINE A	R01 AI 12603-11	113,873	NEW YORK STATE DEPT OF HEALTH IMMUNOGENETICS AND DIFFERENTIATION	03
FRIEDMAN, STEVEN M	R01 AI 22291-02	99,958	HOSPITAL FOR SPECIAL SURGERY HAPTEN SPECIFIC HUMAN T CELL LINES	02
FULLER, GERALD M	R01 AI 18932-03	89,627	UNIVERSITY OF TEXAS MED BR GALVESTON HEPATOCYTE-MONOCYTE INTERACTION IN ACUTE INFLAMMATION	04
GALLI, STEPHEN J	R01 AI 20292-03	133,267	BETH ISRAEL HOSP (BOSTON) ANALYSIS OF FUNCTIONALLY DISTINCT LEUKOCYTE CLONES	04
GEHA, RAIF S	R01 AI 20373-03	116,931	CHILDREN'S HOSPITAL (BOSTON) BIOLOGY OF HUMAN T CELL ANTIGEN RECOGNITION AND RESPONSE	01
GOLDSCHNEIDER, IRVING	R01 AI 09649-15	0*	UNIVERSITY OF CONNECTICUT HEALTH CENTER DEVELOPMENT OF IMMUNOLOGICALLY COMPETENT LYMPHOCYTES	02
GOODMAN, MICHAEL G	R01 AI 15284-08	230,568	SCRIPPS CLINIC AND RESEARCH FOUNDATION MECHANISM OF LYMPHOCYTE ACTIVATION BY THIOL COMPOUNDS	02
GREEN, WILLIAM R	R01 AI 22023-01	0*	DARTMOUTH COLLEGE IN VITRO STUDIES OF CELL MEDIATED IMMUNITY	02
GREY, HOWARD M	R01 AI 09758-16	194,867	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST STRUCTURE-FUNCTION RELATIONSHIP OF IMMUNOGLOBULINS	02
HAGEN, FREDERICK S	R43 AI 22772-01	50,000	ZYMOGENETICS, INC. CLONING AND EXPRESSING HUMAN COLONY STIMULATING FACTOR	03
HARGER, BRUCE W	R43 AI 22748-01	49,390	NEUSHUL MARICULTURE, INC. THE ISOLATION OF CYTOTOXIC NATURAL KILLER CELL RECEPTORS	03
HASKINS, KATHRYN M	R23 AI 22247-01	58,090	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST LIPOSOME RECONSTITUTION OF THE T CELL RECEPTOR	02
HAYES, COLLEEN E	R01 AI 21853-01	90,343	UNIVERSITY OF WISCONSIN MADISON IMMUNOREGULATORY T CELL GLYCOPROTEINS: GENE CLONING	03

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ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CELLULAR IMMUNOLOGY AND IMMUNOREGULATION	
HEDRICK, STEPHEN M	R01 AI 21372-02	74,953	UNIVERSITY OF CALIFORNIA SAN DIEGO T CELL RECEPTOR--MOLECULAR STRUCTURE AND EXPRESSION	03
HERRMANN, STEVEN H	R01 AI 20775-02	110,828	DANA-FARBER CANCER INSTITUTE CYTOLYTIC T LYMPHOCYTE-TARGET INTERACTION BIOCHEMISTRY	03
HESS, ALLAN D	R01 AI 20990-02	89,590	JOHNS HOPKINS UNIVERSITY HUMAN SUPPRESSOR CELL AMPLIFICATION SYSTEMS	02
HOLOWKA, DAVID A	R01 AI 22449-01	141,745	CORNELL UNIVERSITY ITHACA INTERACTIVE STRUCTURES AND DYNAMICS OF ANTIGEN RECEPTORS	02
HOOD, LEROY E	R01 AI 22274-01	214,385	CALIFORNIA INSTITUTE OF TECHNOLOGY T-CELL RECEPTOR GENES--ORGANIZATION & DIVERSIFICATION	03
HUBER, BRIGITTE T	R01 AI 14910-08	151,903	TUFTS UNIVERSITY B LYMPHOCYTES: DIFFERENTIATION AND TRIGGERING	02
IKEDA-SAITO, MASAO	R01 AI 20463-03	51,995	UNIVERSITY OF PENNSYLVANIA STRUCTURE AND FUNCTION OF MYELOPEROXIDASE	01
INGRAHAM, LEAH M	R23 AI 23492-01	49,778	UNIVERSITY OF IOWA FATTY ACID AND PHOSPHOLIPID ROLES IN PHAGOCYTE FUNCTION	01
IRIGOYEN, OSCAR	R01 AI 20847-03	171,964	YESHIVA UNIVERSITY ANTIGEN SPECIFIC HUMAN T-CELL HYBRIDS	02
ISAKSON, PETER C	R01 AI 19914-02	69,614	UNIVERSITY OF VIRGINIA CHARLOTTESVILLE A LYMPHOKINE WHICH INDUCES IGM SECRETION	02
JACOBS, DIANE M	R01 AI 18506-03	130,690	STATE UNIVERSITY OF NEW YORK AT BUFFALO PLASMA MEMBRANE LIPIDS AND B CELL ACTIVATION	02
JACOBS, DIANE M	R13 AI 22342-01	3,000	RETICULOENDOTHELIAL SOCIETY LEUKOCYTE CULT CONF /RE SOCIETY	02
JANEWAY, CHARLES A, JR	R01 AI 13766-09	164,137	YALE UNIVERSITY IDIOTYPES OF T AND B LYMPHOCYTES	02
JONES, PATRICIA P	R01 AI 19964-03	101,239	STANFORD UNIVERSITY REGULATION OF MHC ANTIGEN EXPRESSION ON MACROPHAGES	02

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CELLULAR IMMUNOLOGY AND IMMUNOREGULATION	
KAMOUN, MALEK	R01 AI 20846-02	135,567	UNIVERSITY OF PENNSYLVANIA BIOLOGY OF THE E-RECEPTOR ASSOCIATED ANTIGEN	03
KAPLAN, DAVID R	R01 AI 22505-01	123,226	CASE WESTERN RESERVE UNIVERSITY CYCLOSPORINE EFFECTS ON HUMAN T LYMPHOCYTE CLONES	02
KAPP-PIERCE, JUDITH A	R01 AI 18959-04	293,527	JEWISH HOSPITAL OF ST. LOUIS STRUCTURE AND EXPRESSION OF SUPPRESSOR T CELL PRODUCTS	02
KAPPLER, JOHN W	R01 AI 17134-06	151,022	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST REGULATORY MECHANISMS IN THE IMMUNE RESPONSE	02
KAPPLER, JOHN W	R01 AI 18785-04	159,809	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST CHARACTERISTICS OF T CELL RECEPTORS	02
KATZ, DAVID H	R01 AI 19476-04A1	196,170	MEDICAL BIOLOGY INSTITUTE CELL COOPERATION IN IMMUNE RESPONSES	01
KEARNEY, JOHN F	R01 AI 14782-08	141,611	UNIVERSITY OF ALABAMA AT BIRMINGHAM REGULATION OF B CELL CLONAL DIVERSITY	02
KELSOE, GARNETT H	R23 AI 20350-03	48,030	UNIVERSITY OF TEXAS MED BR GALVESTON REGULATORY POTENTIAL OF MONOCLONAL AUTOCHTHONOUS ANTI-ID	02
KETTMAN, JOHN R, JR	R01 AI 22013-01	95,829	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS POLYANIONS AND LYMPHOID CELL ACTIVATION	02
KIM, BYUNG S	R01 AI 15446-06	0*	NORTHWESTERN UNIVERSITY MECHANISMS OF IDIOTYPE SUPPRESSION	02
KINCADE, PAUL W	R01 AI 20069-03	154,341	OKLAHOMA MEDICAL RESEARCH FOUNDATION EARLY EVENTS IN MAMMALIAN B-CELL DIFFERENTIATION	02
KIRKPATRICK, CHARLES H	R01 AI 18487-03	0*	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST MURINE TRANSFER FACTOR	04
KLINMAN, NORMAN R	R01 AI 15797-08	330,763	SCRIPPS CLINIC AND RESEARCH FOUNDATION CLONAL ANALYSIS OF THE IMMUNE MECHANISM	02
KLUGER, MATTHEW J	R13 AI 21632-01	4,000	UNIVERSITY OF MICHIGAN AT ANN ARBOR SYMPOSIUM--THE BIOLOGIC ACTIONS OF INTERLEUKIN 1	02

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CELLULAR IMMUNOLOGY AND IMMUNOREGULATION	
KNIGHT, KATHERINE L	R01 AI 17853-04	0*	UNIVERSITY OF ILLINOIS AT CHICAGO CELLULAR IMMUNE SYSTEM	02
KRAIG, ELLEN B	R01 AI 22181-01	92,432	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT ANTIGEN RECEPTOR GENES FROM GAT-SPECIFIC TH AND TS CELLS	03
KRZYCH, URSZULA	R01 AI 19822-02	0*	CATHOLIC UNIVERSITY OF AMERICA INTERACTION OF GZ-SPECIFIC T CELL CLONES IN SUPPRESSION	02
KULCZYCKI, ANTHONY, JR	R01 AI 16946-06	141,532	WASHINGTON UNIVERSITY STUDIES OF THE STRUCTURES OF FCY RECEPTORS	04
KUMAR, VINAY	R01 AI 20451-03	97,760	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS ORIGIN AND DIFFERENTIATION OF NATURAL KILLER CELLS	02
KUNG, JOHN T	R01 AI 21476-01A1	91,918	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT DELINEATION OF THE B LYMPHOCYTE DIFFERENTIATION PATHWAY	02
LAWTON, ALEXANDER R, III	R01 AI 17996-05	0*	VANDERBILT UNIVERSITY DIFFERENTIATION OF B LYMPHOCYTES	04
LESKOWITZ, SIDNEY	R01 AI 10895-13	196,724	TUFTS UNIVERSITY CELLULAR ASPECTS OF TOLERANCE & DELAYED HYPERSENSITIVITY	02
LIPSKY, PETER E	R01 AI 17653-05	113,620	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS STEROL METABOLISM AND HUMAN MONONUCLEAR CELL FUNCTION	02
LISCHNER, HAROLD W	R01 AI 15799-03	0*	ST. CHRISTOPHER'S HOSP FOR CHLDRN(PHILA) LYMPHOCYTE ACTIVATION BY IMMUNE COMPLEXES	01
LOCKSLEY, RICHARD M	R01 AI 19768-03	147,731	UNIVERSITY OF WASHINGTON HUMAN PHAGOCYTE FUNCTION IN HEALTH AND DISEASE	04
LOKEN, MICHAEL R	R01 AI 21170-03	44,202	BECTON, DICKINSON MONOCLONAL CENTER, INC B LYMPHOCYTE DIFFERENTIATION AND MATURATION	02
MAKI, RICHARD A	R01 AI 21147-02	154,368	LA JOLLA CANCER RESEARCH FOUNDATION CLONING OF THE GENE FOR B CELL MATURATION FACTOR	02
MAKI, TAKASHI	R01 AI 20686-02	150,325	NEW ENGLAND DEACONESS HOSPITAL SUPPRESSOR FACTOR INVOLVED IN ALLOGRAFT UNRESPONSIVENESS	03

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CELLULAR IMMUNOLOGY AND IMMUNOREGULATION	
MALLEY, ARTHUR	R01 AI 18264-03	102,370	MEDICAL RESEARCH FOUNDATION OF OREGON CHARACTERIZATION OF ANTIGEN-SPECIFIC T CELL PRODUCTS	01
MANOLAGAS, STAVROS	R01 AI 21761-01	116,776	UNIVERSITY OF CALIFORNIA SAN DIEGO DIHYDROXY VITAMIN D3 AND CELLULAR IMMUNITY	02
MARCUS, DONALD M	R01 AI 17712-06	182,716	BAYLOR COLLEGE OF MEDICINE GLYCOLIPID CELL MEMBRANE ANTIGENS	02
MC DEVITT, HUGH O	P01 AI 19512-03	836,883	STANFORD UNIVERSITY LYMPHOCYTE AND MACROPHAGE GENES, PROTEIN, AND RECEPTORS	02
MC GREGOR, DOUGLAS D	R01 AI 14482-08	0*	CORNELL UNIVERSITY ITHACA MEDIATOR OF CELLULAR IMMUNITY	02
MILLER, STEPHEN D	R01 AI 18755-04	0*	NORTHWESTERN UNIVERSITY SUPPRESSOR T CELL PATHWAYS IN T CELL TOLERANCE	02
MISHELL, ROBERT I	R01 AI 20303-02	130,873	UNIVERSITY OF CALIFORNIA BERKELEY LEUKOCYTE HORMONES THAT MODIFY GLUCOSTEROID RESPONSES	02
MONROE, JOHN G	R23 AI 23568-01	56,501	UNIVERSITY OF PENNSYLVANIA STUDIES OF RECEPTOR IMMUNOGLOBULIN MEDIATED SIGNALLING	02
MORGAN, EDWARD L	R01 AI 19723-03	99,271	SCRIPPS CLINIC AND RESEARCH FOUNDATION ANAPHYLATOXIN-MEDIATED REGULATION OF THE IMMUNE RESPONSE	04
MOSIER, DONALD E	R01 AI 22792-01	216,397	MEDICAL BIOLOGY INSTITUTE T LYMPHOCYTE REGULATION OF IDIOTYPE EXPRESSION	02
MOSIER, DONALD E	R01 AI 22871-01	363,298	MEDICAL BIOLOGY INSTITUTE INDUCTION AND REGULATION OF B LYMPHOCYTE ACTIVATION	02
NAHM, MOON H	R01 AI 19676-03	86,500	WASHINGTON UNIVERSITY STUDY OF A HUMAN B LYMPHOCYTE SUBSET FOR IGG2	02
NATHENSON, STANLEY G	P01 AI 10702-14	1,082,688	YESHIVA UNIVERSITY CELL BIOLOGY OF LYMPHOID CELLS	02
NISONOFF, ALFRED	R01 AI 17751-05	147,781	BRANDEIS UNIVERSITY ROLE OF IDIOTYPES IN THE IMMUNE SYSTEM	02

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CELLULAR IMMUNOLOGY AND IMMUNOREGULATION	
NOSSAL, GUSTAV J	R01 AI 03958-24A1	93,921	WALTER AND ELIZA HALL INST MEDICAL RES MECHANISMS OF LYMPHOCYTE-ANTIGEN INTERACTIONS	02
NUSSENZWEIG, VICTOR	R01 AI 08499-18	155,371	NEW YORK UNIVERSITY CELL COOPERATION IN THE IMMUNE RESPONSE	04
PAULNOCK, DONNA M	R01 AI 21274-02	73,266	UNIVERSITY OF WISCONSIN MADISON MONOCLONAL ANTIBODY ANALYSIS OF MACROPHAGE ACTIVATION	04
PHILLIPS-QUAGLIATA, JULIA M	R01 AI 20786-16	156,847	NEW YORK UNIVERSITY ANTIBODY MEDIATED CELL CELL INTERACTIONS	04
PIERCE, CARL W	P01 AI 15353-07	719,523	JEWISH HOSPITAL OF ST. LOUIS LYMPHOCYTE BIOLOGY, THE MHC AND IMMUNE REGULATION	02
PIERCE, SUSAN K	R01 AI 18939-02	91,326	NORTHWESTERN UNIVERSITY SPECIFICITY OF INDIVIDUAL HELPER T LYMPHOCYTES	02
PIOUS, DONALD A	R01 AI 17705-05	126,016	UNIVERSITY OF WASHINGTON DELETION MAPPING OF HUMAN CELL SURFACE ANTIGENS	03
PRESS, JOAN L	R01 AI 13725-09	163,652	BRANDEIS UNIVERSITY IMMUNOGENETIC ANALYSIS OF B CELL DIFFERENTIATION	02
PURE, ELLEN	R23 AI 21315-02	57,280	ROCKEFELLER UNIVERSITY STRUCTURE-FUNCTION RELATIONSHIP OF MURINE FC RECEPTORS	04
QUINTANS, JOSE	R01 AI 14530-08	174,899	UNIVERSITY OF CHICAGO IDIOTYPES, LYMPHOCYTES, AND MACROPHAGES	02
QUINTANS, JOSE	R01 AI 19589-02	106,856	UNIVERSITY OF CHICAGO MURINE B LYMPHOCYTE DEVELOPMENT	02
RAULET, DAVID H	R01 AI 21069-02	126,964	MASSACHUSETTS INSTITUTE OF TECHNOLOGY REQUIREMENTS FOR ACTIVATION OF RESTING T LYMPHOCYTES	02
REINHERZ, ELLIS L	R01 AI 19807-03	190,915	DANA-FARBER CANCER INSTITUTE HUMAN T CELL ANTIGEN-RECOGNITION STRUCTURES	02
REINHERZ, ELLIS L	R01 AI 21226-02	296,392	DANA-FARBER CANCER INSTITUTE GENES ENCODING THE T CELL ANTIGEN RECEPTOR	03

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ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
		CELLULAR IMMUNOLOGY AND IMMUNOREGULATION		
REMOLD, HEINZ G	R01 AI 22530-01	199,589	BRIGHAM AND WOMEN'S HOSPITAL MIGRATION INHIBITORY FACTOR AND MACROPHAGES	02
RICH, SUSAN S	R01 AI 21420-02	117,680	BAYLOR COLLEGE OF MEDICINE REGULATION OF TS CELL GROWTH AND DIFFERENTIATION	02
RICHARDSON, BRUCE C	R23 AI 21454-02	53,708	UNIVERSITY OF MICHIGAN AT ANN ARBOR RELATIONSHIP OF T CELL IA RECEPTORS TO THE T4 ANTIGENS	02
RITTENBERG, MARVIN B	R01 AI 14985-08	133,350	OREGON HEALTH SCIENCES UNIVERSITY FUNCTIONAL DIFFERENTIATION IN B LYMPHOCYTES	02
ROBERTS, THOMAS M	R01 AI 20316-03	113,203	DANA-FARBER CANCER INSTITUTE STRUCTURE AND EXPRESSION OF GENES FOR LFA-1 AND MAC-1	03
ROCK, KENNETH L	R01 AI 22397-01	178,585	HARVARD UNIVERSITY SURFACE MOLECULES INVOLVED IN T CELL FUNCTION	02
ROCKLIN, ROSS E	R01 AI 16362-06	169,606	TUFTS UNIVERSITY ROLE OF HISTAMINE AS A MODULATOR OF IMMUNE FUNCTION	01
ROEHM, NEAL W	R23 AI 22136-01	53,720	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST LYMPHOKINE INDUCTION OF INCREASED B CELL IA EXPRESSION	02
ROSEN, FRED S	P50 AI 21163-04	399,085	CHILDREN'S HOSPITAL (BOSTON) REACTIONS AND METABOLISM OF IMMUNE PROTEINS AND CELLS	04
ROSENSTREICH, DAVID L	R01 AI 17934-05	253,504	YESHIVA UNIVERSITY CONTROL OF MACROPHAGE FUNCTION BY THE LPS GENE LOCUS	02
ROTHENBERG, ELLEN	R01 AI 19752-04	158,982	CALIFORNIA INSTITUTE OF TECHNOLOGY MOLECULAR ANALYSIS OF MURINE THYMOCYTE DIFFERENTIATION	02
ROTHSTEIN, ANN M	R01 AI 19892-03	98,300	BOSTON UNIVERSITY REGULATION OF B CELL GROWTH BY ANTI-IDIOTYPE ANTIBODIES	02
ROWLEY, DONALD A	R01 AI 10242-24	187,508	UNIVERSITY OF CHICAGO PATHOLOGIC STUDIES OF INFLAMMATION AND IMMUNITY	02
ROWLEY, DONALD A	R01 AI 22351-01	88,301	UNIVERSITY OF CHICAGO NATURAL KILLER AND ACCESSORY CELLS IN IMMUNITY	03

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			CELLULAR IMMUNOLOGY AND IMMUNOREGULATION	
SCHLOSSMAN, STUART F	R01 AI 12069-12	235,598	DANA-FARBER CANCER INSTITUTE HUMAN T CELL SUBSETS: ISOLATION AND CHARACTERIZATION	02
SCHREIBER, ALAN D	R01 AI 22193-01	199,216	UNIVERSITY OF PENNSYLVANIA HUMAN BLOOD MONOCYTE RECEPTOR EXPRESSION AND MODULATION	04
SCOTT, DAVID W	R01 AI 20757-02	0*	UNIVERSITY OF ROCHESTER MECHANISM OF TOLERANCE AND TRIGGERING IN LYMPHOCYTES	02
SELL, STEWART	P01 AI 21290-01A1	253,750	UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON IMMUNOPATHOLOGY OF INFECTIOUS DISEASE	04
SHEN, FUNG-WIN	R01 AI 21840-01A1	156,984	SLOAN-KETTERING INSTITUTE FOR CANCER RES PROPERTIES OF THE B CELL SPECIFIC LYB-2 SYSTEM	03
SHEPHERD, VIRGINIA L	R01 AI 22697-01	108,488	UNIVERSITY OF TENN CENTER HEALTH SCIEN MECHANISMS OF MANNOSE RECEPTOR MODULATION IN MACROPHAGES	02
SHORTMAN, KENNETH D	R01 AI 17310-05	51,341	WALTER AND ELIZA HALL INST MEDICAL RES T CELL DEVELOPMENT IN THE THYMUS	02
SIM, GEK-KEE	R01 AI 22572-01	148,174	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST GENETIC BASIS OF T CELL DIVERSITY	03
SINGER, S JONATHAN	R01 AI 06659-21	166,130	UNIVERSITY OF CALIFORNIA SAN DIEGO STRUCTURE OF ANTIBODY MOLECULES AND CELL MEMBRANES	02
SOLOSKI, MARK J	R23 AI 20922-02	59,580	JOHNS HOPKINS UNIVERSITY ANALYSIS OF TISSUE-SPECIFIC CLASS I ANTIGENS	03
SPRENT, JONATHAN	R01 AI 21487-02	212,685	SCRIPPS CLINIC AND RESEARCH FOUNDATION H-2 CONTROL OF T-HELPER FUNCTION IN VIVO	02
STAHL, PHILIP D	R01 AI 20015-03	137,233	WASHINGTON UNIVERSITY EXPRESSION/FUNCTION OF MACROPHAGE MANNOSE RECEPTORS	04
STEINMAN, RALPH M	R01 AI 13013-09	179,176	ROCKEFELLER UNIVERSITY PROPERTIES OF DENDRITIC CELLS AND MACROPHAGES	02
STOBO, JOHN D	R01 AI 14104-08	105,545	UNIVERSITY OF CALIFORNIA SAN FRANCISCO HETEROGENEITY OF THYMUS DERIVED LYMPHOCYTES	02

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			CELLULAR IMMUNOLOGY AND IMMUNOREGULATION	
STOHLMAN, STEPHEN A	R01 AI 22691-01	107,577	UNIVERSITY OF SOUTHERN CALIFORNIA MATURATIONAL CONTROL OF ANTIGEN PRESENTING CELL FUNCTION	02
STOUT, ROBERT D	R01 AI 21619-02	70,364	EAST TENNESSEE STATE UNIVERSITY SELECTIVE EXPRESSION OF AGM1 DURING LYMPHOPOIESIS	02
STROBER, SAMUEL	R01 AI 21680-01	181,662	STANFORD UNIVERSITY CLONING OF NATURAL SUPPRESSOR (NS) CELLS	03
STROMINGER, JACK L	R01 AI 15669-08	128,736	DANA-FARBER CANCER INSTITUTE CHEMICAL & SEROLOGICAL STUDIES OF LYMPHOCYTE SURFACES	03
SULLIVAN, JOHN L	R01 AI 21161-03	195,964	UNIVERSITY OF MASSACHUSETTS MEDICAL SCH IMMUNOREGULATORY DEFECTS IN HEMOPHILIA	04
SUNSHINE, GEOFFREY H	R01 AI 20955-02	161,484	TUFTS UNIVERSITY CHARACTERIZATION OF MURINE ANTIGEN PRESENTING CELLS	02
SWAIN, SUSAN L	R01 AI 22125-01	133,569	UNIVERSITY OF CALIFORNIA SAN DIEGO REGULATION OF B CELL GROWTH BY T CELLS AND THEIR PRODUCT	02
TARTOF, DAVID	R01 AI 22089-01	135,140	UNIVERSITY OF CHICAGO THE ROLE OF NATURAL EFFECTOR CELLS IN THE DTH RESPONSE	04
TEALE, JUDY M	R01 AI 19896-03	0*	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT B CELL AND REPERTOIRE DEVELOPMENT IN VITRO	02
TEALE, JUDY M	R01 AI 20313-02	77,236	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT REGULATION OF IMMUNOGLOBULIN CLASS EXPRESSION	02
TERHORST, CORNELIS P	R01 AI 15066-08	124,791	DANA-FARBER CANCER INSTITUTE CELL SURFACE RECEPTORS ON HUMAN CYTOTOXIC T CELLS	02
TERHORST, CORNELIS P	R01 AI 17651-05	150,846	DANA-FARBER CANCER INSTITUTE BIOCHEMICAL STUDIES OF HUMAN T CELL SURFACE MARKERS	02
TEW, JOHN G	R01 AI 17142-06	100,850	VIRGINIA COMMONWEALTH UNIVERSITY ROLE OF FOLLICULAR ANTIGEN-BINDING DENDRITIC CELLS	02
THOMAS, DAVID W	R01 AI 19273-04	139,356	UNIVERSITY OF MICHIGAN AT ANN ARBOR T LYMPHOCYTE AND MACROPHAGE INTERACTIONS	02

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CELLULAR IMMUNOLOGY AND IMMUNOREGULATION	
TOLLEFSEN, SHERIDA E	R23 AI 20543-02	55,873	WASHINGTON UNIVERSITY STRUCTURE OF CYTOTOXIC T LYMPHOCYTE GLYCOPROTEIN T145	03
UHR, JONATHAN W	P01 AI 11851-12	659,770	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS ACTIVATION AND DIFFERENTIATION OF LYMPHOCYTES	02
UHR, JONATHAN W	R01 AI 19640-03	115,767	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS THE USE OF IMMUNOTOXINS IN IMMUNOREGULATION	02
UNKELESS, JAY C	R01 AI 14603-08	136,173	ROCKEFELLER UNIVERSITY STUDIES OF FC AND C3B RECEPTOR STRUCTURE AND FUNCTION	02
VITETTA, ELLEN S	R01 AI 13448-09	125,914	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS STRUCTURAL STUDIES OF TL, IA, AND QA-2 ANTIGENS	03
VITETTA, ELLEN S	R01 AI 21229-02	91,417	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS ACTIVATION OF ANTIGEN-SPECIFIC MEMORY B CELLS	02
VOLKMAN, ALVIN	R01 AI 17162-06	95,445	EAST CAROLINA UNIVERSITY MECHANISMS OF MACROPHAGE DIVERSITY	02
WALKER, WILLIAM S	R01 AI 17979-04	171,513	ST. JUDE CHILDREN'S RESEARCH HOSPITAL THE ONTOGENY OF MONONUCLEAR PHAGOCYTES	02
WANG, CHANG Y	R01 AI 18321-04	112,387	SLOAN-KETTERING INSTITUTE FOR CANCER RES LYMPHOKINES AND THEIR RECEPTORS ON HUMAN LYMPHOCYTES	02
WEBSTER, LESLIE T, JR	R01 AI 20044-02	156,705	CASE WESTERN RESERVE UNIVERSITY PHARMACOLOGY OF 1-THIOCARBAMOYL-2IMIDAZOLIDINONE	04
WEISER, WEISHUI Y	R23 AI 22801-01	68,160	BRIGHAM AND WOMEN'S HOSPITAL STUDIES OF HUMAN MIGRATION INHIBITORY FACTOR	02
WEISSMAN, IRVING L	R01 AI 09072-17	288,059	STANFORD UNIVERSITY NORMAL AND NEOPLASTIC T AND B LYMPHOCYTE MATURATION	02
WEISSMAN, IRVING L	R01 AI 18162-04	167,519	STANFORD UNIVERSITY REARRANGEMENT OF ANTIBODY GENES IN NORMAL B CELLS	02
WILSON, DARCY B	R01 AI 22519-01	363,591	MEDICAL BIOLOGY INSTITUTE LYMPHOCYTES AND HISTOCOMPATIBILITY ANTIGENS	03

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CELLULAR IMMUNOLOGY AND IMMUNOREGULATION	
WING, EDWARD J	R01 AI 20638-02	93,702	MONTEFIORE HOSPITAL (PITTSBURGH) EFFECT OF STARVATION ON MONOCYTE-MACROPHAGE FUNCTION	62
WODA, BRUCE A	R01 AI 20028-02	97,869	UNIVERSITY OF MASSACHUSETTS MEDICAL SCH LIGAND INDUCED EVENTS IN LYMPHOCYTES	02
WOLOS, JEFFREY A	R23 AI 20341-03	59,172	THOMAS JEFFERSON UNIVERSITY HELPER FACTORS DISTINCT FROM IL-2 PRODUCED IN THE AMLR	04
WOODLAND, ROBERT T	R01 AI 20210-03	85,819	UNIVERSITY OF MASSACHUSETTS MEDICAL SCH ANTIBODY MEDIATED EFFECTOR CELL IMMUNOREGULATION	02
WOODLAND, ROBERT T	R01 AI 21858-01	145,357	UNIVERSITY OF MASSACHUSETTS MEDICAL SCH IDIOTYPE EXPRESSION IN B CELL SUBPOPULATIONS	02
WOODRUFF, JUDITH J	R01 AI 10080-15	201,180	DOWNSTATE MEDICAL CENTER IMMUNOLOGY AND PHYSIOLOGY OF RECIRCULATING LYMPHOCYTES	02
WORTIS, HENRY H	R01 AI 15803-07	200,155	TUFTS UNIVERSITY LYMPHOCYTE DEVELOPMENT	02
WORTIS, HENRY H	R01 AI 18280-03	153,587	TUFTS UNIVERSITY T HELPER CELLS SPECIFIC FOR IMMUNOGLOBULIN	02
WORTIS, HENRY H	R13 AI 22819-01	2,500	FEDERATION OF AMER SOC FOR EXPER BIO CONFERENCE ON LYMPHOCYTES AND ANTIBODY PRODUCTION	02
WRIGHT, SAMUEL D	R01 AI 22003-02	138,050	ROCKEFELLER UNIVERSITY STRUCTURE AND FUNCTION OF HUMAN C3 RECEPTORS	04
YOUNG, WILLIAM W, JR	R01 AI 21916-01	64,693	UNIVERSITY OF VIRGINIA CHARLOTTESVILLE GLYCOSPHINGOLIPID POLARITY IN EPITHELIAL CELLS	02
ZALESKI, MAREK B	R01 AI 13628-08	57,922	STATE UNIVERSITY OF NEW YORK AT BUFFALO IMMUNE RESPONSE TO THE THY-1 ANTIGENS	03
ZAUDERER, MAURICE	R01 AI 22009-02	142,588	UNIVERSITY OF ROCHESTER SUBSETS OF HELPER T CELLS IN IMMUNE REGULATION	02
ZIEGLER, HARRY K	R01 AI 20215-03	93,897	EMORY UNIVERSITY MECHANISM OF ANTIGEN PRESENTATION BY MACROPHAGES	02

RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CELLULAR IMMUNOLOGY AND IMMUNOREGULATION	
ZIER, KAREN S	R01 AI 21865-01	129,480	CHILDREN'S HOSPITAL OF PHILADELPHIA DETECTION OF HUMAN MINOR ALLOANTIGENS USING CTL LINES	03
	233	32,920,506		
CANCRO, MICHAEL P	K04 AI 00550-02	56,117	UNIVERSITY OF PENNSYLVANIA GENETICS & BIOLOGY OF B-CELL REPERTOIRE FORMATION	02
DEMBO, MICAH	K04 AI 00566-03	51,046	UNIVERSITY OF CALIF-LOS ALAMOS NAT LAB THE BIOPHYSICS OF CELL MOTION	02
GERSTEN, MERRIL J	K08 AI 00562-03	59,940	SALK INSTITUTE FOR BIOLOGICAL STUDIES REGULATION OF THE CYTOTOXIC T-CELL RESPONSE	03
HEDRICK, STEPHEN M	K04 AI 00662-01	51,317	UNIVERSITY OF CALIFORNIA SAN DIEGO THE T-CELL RECEPTOR: MOLECULAR STRUCTURE AND EXPRESSION	03
HUBER, BRIGITTE T	K04 AI 00527-04	52,218	TUFTS UNIVERSITY B CELL DIFFERENTIATION ANTIGENS: FUNCTION AND STRUCTURE	02
LIU, MARGARET A	K11 AI 00679-01	52,012	MASSACHUSETTS GENERAL HOSPITAL BASIC SCIENCE TRAINING IN ENDOCRINOLOGY & IMMUNOLOGY	04
OWEN, FRANCES L	K04 AI 00546-03	52,272	TUFTS UNIVERSITY DIFFERENTIATION OF T LYMPHOCYTES	02
WELCH, PAMELA A	K11 AI 00604-02	68,105	UNIVERSITY OF ALABAMA AT BIRMINGHAM IN VITRO STUDIES OF HUMAN PRE-B CELLS	02
	8	443,027		
			IMMUNOGENETICS	
ALT, FREDERICK W	R01 AI 20047-03	137,860	COLUMBIA UNIVERSITY NEW YORK EXPRESSION OF IG GENES IN ABELSON VIRUS TRANSFORMANTS	02
BEDIGIAN, HENDRICK G	R01 AI 19010-03	0*	JACKSON LABORATORY GENE MECHANISMS IN AUTOIMMUNITY AND LYMPHOPROLIFERATION	03

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			IMMUNOGENETICS	
CANCRO, MICHAEL P	R01 AI 20450-03	96,519	UNIVERSITY OF PENNSYLVANIA MECHANISMS DETERMINING ANTIBODY REPERTOIRE PHENOTYPE	02
CAPRA, J DONALD	R01 AI 18499-04	116,008	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS NUCLEIC ACID STUDIES OF ANTI-ARSONATE HYBRIDOMAS	03
CLEVINGER, BRIAN L	R01 AI 19958-03	96,008	WASHINGTON UNIVERSITY MOLECULAR CHARACTERIZATION OF ANTIDEXTRAN IDIOTYPES	02
COLTEN, HARVEY R	R01 AI 21157-03	0*	CHILDREN'S HOSPITAL (BOSTON) MOLECULAR GENETICS OF THE MHC-LINKED COMPLEMENT GENES	04
DORF, MARTIN E	R01 AI 16677-05	0*	HARVARD UNIVERSITY IDIOTYPES AND T LYMPHOCYTES	02
DREHER, KEVIN L	R01 AI 21026-02	83,018	WEST VIRGINIA UNIVERSITY ISOLATION OF EXPRESSED IMMUNOGLOBULIN KAPPA GENES	02
FEY, GEORGE H	R01 AI 22166-01	177,614	SCRIPPS CLINIC AND RESEARCH FOUNDATION STRUCTURE AND REGULATION OF LIVER ACUTE PHASE GENES	03
HAMMERLING, ULRICH	R01 AI 19682-03	133,774	SLOAN-KETTERING INSTITUTE FOR CANCER RES IMMUNOGENETICS OF MOUSE H-3 AND MIS REGIONS	03
HOOD, LEROY E	R01 AI 10781-15	215,530	CALIFORNIA INSTITUTE OF TECHNOLOGY GENETICS OF ANTIBODY DIVERSITY, EXPRESSION, & EVOLUTION	03
HOOD, LEROY E	R01 AI 17565-05	135,661	CALIFORNIA INSTITUTE OF TECHNOLOGY ISOLATION AND CHARACTERIZATION OF T CELL RECEPTOR GENES	03
IMANISHI-KARI, THEREZA	R01 AI 19248-03	117,899	MASSACHUSETTS INSTITUTE OF TECHNOLOGY GENETIC BASIS OF ANTIBODY DIVERSITY	03
IMANISHI-KARI, THEREZA	R01 AI 22632-01	108,708	MASSACHUSETTS INSTITUTE OF TECHNOLOGY REGULATION OF IDIOTYPE EXPRESSION	03
KABAT, ELVIN A	R01 AI 19042-03	336,061	COLUMBIA UNIVERSITY NEW YORK HYBRIDOMA AND MYELOMA ANTICARBOHYDRATE COMBINING SITES	02
KELLEMS, RODNEY E	R01 AI 20402-03	90,494	BAYLOR COLLEGE OF MEDICINE ADENOSINE DEAMINASE GENE REPLACEMENT THERAPY	01

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			IMMUNOGENETICS	
KORNBERG, ROGER D	R01 AI 21144-02	301,228	STANFORD UNIVERSITY IMMUNOGLOBULIN ISOTYPES, VARIANTS, COMPLEXES	02
LOBB, CRAIG J	R23 AI 19412-03	0*	UNIVERSITY OF MISSISSIPPI MEDICAL CENTER IMMUNE MECHANISMS OF MUCOSAL SURFACES IN ECTOTHERMS	03
METZGER, DENNIS W	R01 AI 18880-03	100,221	ST. JUDE CHILDREN'S RESEARCH HOSPITAL CONTROL MECHANISMS IN IMMUNOGLOBULIN ALLOTYPE PRODUCTION	02
NISONOFF, ALFRED	R01 AI 22068-01	188,958	BRANDEIS UNIVERSITY STRUCTURAL AND BIOLOGICAL PROPERTIES OF IDIOTYPES	02
NORDSKOG, ARNE W	R01 AI 12746-10	117,174	IOWA STATE UNIVERSITY OF SCIENCE & TECH HISTOCOMPATIBILITY IMMUNE RESPONSE GENES	03
OGATA, RONALD T	R01 AI 19972-03	133,357	SCRIPPS CLINIC AND RESEARCH FOUNDATION TEMPORAL EXPRESSION OF DNP-SPECIFIC V-GENES	03
PARSLOW, TRISTRAM G	R01 AI 22536-01	116,592	UNIVERSITY OF CALIFORNIA SAN FRANCISCO REGULATORY ELEMENTS IN THE IMMUNOGLOBULIN KAPPA GENES	03
POTTER, HUNTINGTON	R23 AI 21848-01	68,376	HARVARD UNIVERSITY STUDIES OF THE CONTROL OF IMMUNOGLOBULIN GENE EXPRESSION	03
RODKEY, L SCOTT	R01 AI 20590-02	75,748	UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON STRUCTURAL AND FUNCTIONAL STUDIES OF IDIOTYPE REGULATION	02
ROUX, KENNETH H	R01 AI 16596-06	110,846	FLORIDA STATE UNIVERSITY GENETICS AND REGULATION OF THE IG VH REGION	02
SKAMENE, EMIL	R01 AI 18693-04	116,100	MONTREAL GENERAL HOSPITAL INR (BCG) GENE: PROBE OF HOST-PARASITE INTERACTION	03
STAVNEZER, JANET M	R01 AI 17558-04	157,240	SLOAN-KETTERING INSTITUTE FOR CANCER RES MOLECULAR BASIS OF IMMUNOGLOBULIN HEAVY CHAIN SWITCH	02
STAVNEZER, JANET M	R01 AI 23283-01	241,444	UNIVERSITY OF MASSACHUSETTS MEDICAL SCH MOLECULAR BASIS OF IMMUNOGLOBULIN HEAVY CHAIN SWITCH	02
THOMPSON, JOHN S	R01 AI 18008-06	118,840	UNIVERSITY OF KENTUCKY NON-HLA HUMAN GRANULOCYTE, MONOCYTE ENDOTHELIAL ANTIGENS	03

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RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			IMMUNOGENETICS	
VAN NESS, BRIAN G	R01 AI 20034-03	87,699	UNIVERSITY OF IOWA REARRANGEMENT AND EXPRESSION OF IMMUNOGLOBULIN GENE	03
	31	3,778,977		
			DEVELOPMENTAL AND COMPARATIVE IMMUNOLOGY	
STEVENS, JACK G	R01 AI 15705-05	0*	UNIVERSITY OF CALIFORNIA LOS ANGELES IMMUNORECOGNITION AND ALLOIMMUNITY IN SPONGES	03
	1	0		
			IMMUNODEFICIENCY	
ANDERSON, DEBORAH J	U01 AI 21141-02	70,698	DANA-FARBER CANCER INSTITUTE ROLE OF SEMEN IN ACQUIRED IMMUNODEFICIENCY SYNDROME	04
BELLANTI, JOSEPH A	P50 AI 15321-08	143,371	GEORGETOWN UNIVERSITY INTERDISCIPLINARY RESEARCH ON IMMUNOLOGIC DISEASES	04
BENEDICT, ALBERT A	R01 AI 15687-07	135,774	UNIVERSITY OF HAWAII AT MANOA INHERITED IMMUNODEFICIENCY--AUTOIMMUNITY	04
BUCKLEY, REBECCA H	R01 AI 18613-04	133,006	DUKE UNIVERSITY LYMPHOCYTE RESPONSES IN IMMATURITY AND IMMUNODEFICIENCY	01
CHAGANTI, RAJU S	U01 AI 21189-02	79,085	SLOAN-KETTERING INSTITUTE FOR CANCER RES CYTOGENETIFCS OF LYMPHOID PROLIFERATION IN AIDS PATIENTS	03
CHESS, LEONARD	R01 AI 20698-03	178,748	COLUMBIA UNIVERSITY NEW YORK IMMUNOBIOLOGY OF THE ACQUIRED IMMUNODEFICIENCY SYNDROME	04
FAHEY, JOHN L	U01 AI 20672-03	592,803	UNIVERSITY OF CALIFORNIA LOS ANGELES STUDIES OF ACQUIRED IMMUNO DEFICIENCY SYNDROME	04
FUDENBERG, H HUGH	R01 AI 18727-10	189,684	MEDICAL UNIVERSITY OF SOUTH CAROLINA GENETIC MECHANISMS IN IMMUNOLOGIC DEFICIENCY STATES	02

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RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			IMMUNODEFICIENCY	
GUPTA, SUDHIR	R01 AI 20717-03	116,731	UNIVERSITY OF CALIFORNIA IRVINE AMLR AND LYMPHOID DIFFERENTIATION IN AIDS	04
HIRSCHHORN, ROCHELLE	R01 AI 10343-14	260,246	NEW YORK UNIVERSITY ACTIVATION OF IMMUNOCOMPETENT LYMPHOCYTES	02
KENNY, JAMES J	R01 AI 17760-05	82,492	U.S. UNIFORMED SERVICES UNIV OF HLTH SCI RESPONSE TO PHOSPHOCHOLINE IN IMMUNE DEFICIENCIES	04
KINCADE, PAUL W	R01 AI 19884-04	214,866	OKLAHOMA MEDICAL RESEARCH FOUNDATION DEVELOPMENTAL DEFECTS AFFECTING HUMORAL IMMUNITY	02
LANGE, MICHAEL	U01 AI 21175-03	356,547	ST. LUKE'S-ROOSEVELT INST FOR HLTH SCI PROSPECTIVE STUDY OF IMMUNOLOGIC ABNORMALITIES	04
LEIVIN, NORMAN L	R01 AI 20729-03	93,158	HARVARD UNIVERSITY IMMUNOREGULATION IN AIDS	32
LEWIS, DOROTHY E	R01 AI 22549-01	72,900	BAYLOR COLLEGE OF MEDICINE IMMUNOREGULATION IN PATIENTS WITH AIDS-RELATED COMPLEX	04
OSBORNE, WILLIAM R	R01 AI 19565-03	84,614	UNIVERSITY OF WASHINGTON A NEW APPROACH TO REGULATION OF HUMAN T CELL FUNCTION	04
PARKS, WADE P	R01 AI 20736-03	320,505	UNIVERSITY OF MIAMI ACQUIRED IMMUNODEFICIENCY DISEASE IN HAITIAN CHILDREN	72
RODEWALD, RICHARD D	R01 AI 11937-10	99,441	UNIVERSITY OF VIRGINIA CHARLOTTESVILLE TRANSCELLULAR TRANSPORT OF IMMUNOGLOBULINS	01
RUBINSTEIN, ARYE	U01 AI 20671-03	733,134	YESHIVA UNIVERSITY PATHOGENESIS & EPIDEMIOLOGY OF ACQUIRED IMMUNODEFICIENCY	04
SCHWABER, JERROLD F	R01 AI 21165-04	84,591	CHILDREN'S HOSPITAL (BOSTON) PRE-B AND B CELLS FROM X-LINKED AGAMMAGLOBULINEMIA AND N	01
THOMPSON, LINDA F	R01 AI 18220-04A1	125,921	SCRIPPS CLINIC AND RESEARCH FOUNDATION PURINE METABOLISM AND HUMAN LYMPHOCYTE MATURATION	04
	21	4,168,315		

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RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			INFLAMMATION, INCLUDING COMPLEMENT	
ALPER, CHESTER A	R01 AI 14157-14A2	192,251	CENTER FOR BLOOD RESEARCH INVESTIGATIONS OF HUMAN COMPLEMENT	04
ANDERSEN, BURTON R	R01 AI 19798-03	64,003	UNIVERSITY OF ILLINOIS AT CHICAGO CHARACTERIZATION OF ACTIVATED NEUTROPHIL PLASMA MEMBRANE	04
ANDERSON, BYRON E	R01 AI 18317-03	108,899	NORTHWESTERN UNIVERSITY INTERACTIONS OF FIBRONECTIN WITH IMMUNE COMPONENTS	04
ATKINSON, JOHN P	R01 AI 19642-03	93,033	WASHINGTON UNIVERSITY H-2 LINKED COMPLEMENT PROTEINS BIOSYNTHESIS AND FUNCTION	04
AUERBACH, HARVEY S	R23 AI 21823-01A1	50,910	CHILDREN'S HOSPITAL (BOSTON) REGULATION OF MONONUCLEAR PHAGOCYTE DIFFERENTIATION	04
BECKER, ELMER L	R01 AI 09648-16	234,941	UNIVERSITY OF CONNECTICUT HEALTH CENTER IMMUNOLOGICALLY ACTIVATED ENZYME SYSTEMS OF CELLS	04
BERKOW, ROGER L	R23 AI 22048-02	50,166	UNIVERSITY OF ALABAMA AT BIRMINGHAM EVALUATION OF POLYMORPHONUCLEAR LEUKOCYTE SUBPOPULATIONS	04
BIANCO, CELSO	R01 AI 19751-04	145,576	NEW YORK BLOOD CENTER PLASMA PROTEINS AND MACROPHAGE FUNCTION	04
BOXER, LAURENCE A	R01 AI 20065-04	174,761	UNIVERSITY OF MICHIGAN AT ANN ARBOR REGULATION OF GRANULOCYTE SECRETION	04
CHENOWETH, DENNIS E	R01 AI 18731-04	0*	UNIVERSITY OF CALIFORNIA SAN DIEGO C5A-INDUCED NEUTROPHIL RESPONSES IN VITRO AND IN VIVO	01
COATES, THOMAS D	R01 AI 23547-01	49,011	CHILDREN'S HOSPITAL OF LOS ANGELES ROLE OF GRANULES AND ORGANELLES IN LEUKOCYTE ACTIVATION	04
COLTEN, HARVEY R	R01 AI 20032-02	183,331	CHILDREN'S HOSPITAL (BOSTON) COMPLEMENT BIOSYNTHESIS	04
COLTEN, HARVEY R	R01 AI 20959-01A1	99,988	CHILDREN'S HOSPITAL (BOSTON) REGULATION OF C REACTIVE PROTEIN GENE EXPRESSION	04
COOPER, NEIL R	R01 AI 17890-03	73,246	SCRIPPS CLINIC AND RESEARCH FOUNDATION COMPLEMENT: A MEDIATOR OF CELLULAR IMMUNITY	04

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RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			INFLAMMATION, INCLUDING COMPLEMENT	
CRAMER, EVA B	R01 AI 16480-04A1	85,250	DOWNSTATE MEDICAL CENTER TRANSEPITHELIAL MIGRATION OF HUMAN NEUTROPHILS	04
CURNUTTE, JOHN T III	R01 AI 21320-02	110,873	UNIVERSITY OF MICHIGAN AT ANN ARBOR REGULATION OF SUPEROXIDE PRODUCTION IN HUMAN NEUTROPHILS	01
CZOP, JOYCE K	R01 AI 22834-01	171,865	BRIGHAM AND WOMEN'S HOSPITAL AUGMENTATION OF OPSONIN-INDEPENDENT PHAGOCYTOSIS	04
DISCIPIO, RICHARD G	R01 AI 22415-01	72,774	SCRIPPS CLINIC AND RESEARCH FOUNDATION COVALENT STRUCTURE & POLYMERIZATION OF COMPLEMENT C9	04
ERICKSON, BRUCE W	R01 AI 18362-08	157,921	ROCKEFELLER UNIVERSITY SYNTHETIC STUDIES OF THE SERUM COMPLEMENT SYSTEM	04
ESSER, ALFRED F	R01 AI 19478-04	130,291	UNIVERSITY OF FLORIDA IMPAIRMENT OF MEMBRANE FUNCTION BY COMPLEMENT	04
FAHEY, JOHN V	R15 AI 23122-01	59,088	BENNINGTON COLLEGE THE EFFECT OF BRADYKININ ON MACROPHAGE PROLIFERATION	04
FEARON, DOUGLAS T	R01 AI 22833-01	246,757	BRIGHAM AND WOMEN'S HOSPITAL BIOLOGY AND BIOCHEMISTRY OF THE HUMAN C3B RECEPTOR	04
FEY, GEORGE H	R01 AI 19651-03	159,857	SCRIPPS CLINIC AND RESEARCH FOUNDATION STRUCTURE AND EXPRESSION OF COMPLEMENT GENES C3 AND C4	04
FURIE, MARTHA B	R23 AI 22480-01	59,694	COLUMBIA UNIVERSITY NEW YORK LEUKOCYTE TRANSENDOTHELIAL MIGRATION IN VITRO	04
GABIG, THEODORE G	R01 AI 21961-01	85,237	INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS OXIDANT GENERATION BY BLOOD NEUTROPHILS AND MONOCYTES	04
GAY, JAMES C	R23 AI 22382-01	57,138	VANDERBILT UNIVERSITY REGULATION OF NEUTROPHIL OXIDATIVE METABOLISM	04
GIGLI, IRMA	R01 AI 20067-03	164,903	UNIVERSITY OF CALIFORNIA SAN DIEGO ACTIVATION OF THE COMPLEMENT SYSTEM	01
GOLDMAN, MARGARET B	R01 AI 15869-06	94,943	MICHAEL REESE HOSP & MED CTR (CHICAGO) IMMUNE REGULATION OF HUMORAL PROTEINS	04

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RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			INFLAMMATION, INCLUDING COMPLEMENT	
GOLDSTEIN, ELLIOT N	R01 AI 22745-01	73,378	UNIVERSITY OF CALIFORNIA DAVIS DEVELOPMENT OF A COMPUTER-ASSISTED ASSAY OF CELL MOTION	04
HASTY, KAREN A	R23 AI 22603-01	52,500	UNIVERSITY OF TENN CENTER HEALTH SCIEN CHARACTERIZATION OF NEUTROPHIL COLLAGENASE	04
HU, VALERIE W	R01 AI 19168-03	0*	U.S. UNIFORMED SERVICES UNIV OF HLTH SCI MECHANISM OF COMPLEMENT-MEDIATED MEMBRANE DAMAGE	04
HUANG, CHI-KUANG	R01 AI 20943-02	95,263	UNIVERSITY OF CONNECTICUT HEALTH CENTER CHEMOTACTIC NEUTROPHIL ACTIVATION AND PHOSPHOPROTEINS	04
HUMPHREY, DAVID M	R23 AI 20643-02	53,843	UPSTATE MEDICAL CENTER THE MICROVASCULAR PATHOBIOLOGY OF AGEPC	01
HYUN, SHIN S	R01 AI 02566-27	248,284	JOHNS HOPKINS UNIVERSITY MECHANISM OF CYTOLYSIS BY COMPLEMENT	04
JANATA, JARMILA	R01 AI 19319-03	92,087	UNIVERSITY OF UTAH C3, C4, C5: FUNCTIONAL FORMS AND MOLECULAR PROPERTIES	04
JESAITIS, ALGIRDAS J	R01 AI 22735-01	122,484	SCRIPPS CLINIC AND RESEARCH FOUNDATION RREGULATION OF SUPEROXIDE PRODUCTION BY HUMAN NEUTROPHIL	04
KARNOVSKY, MANFRED L	R01 AI 03260-26	130,242	HARVARD UNIVERSITY BIOCHEMICAL BASIS OF PHAGOCYTOSIS	01
KARNOVSKY, MORRIS J	R01 AI 17945-05	192,507	HARVARD UNIVERSITY PATHOBIOLOGY OF LEUCOCYTES: CYTOCHEMICAL STUDIES	02
KLEMPNER, MARK S	R01 AI 16732-05	131,721	TUFTS UNIVERSITY BIOLOGY OF THE HUMAN NEUTROPHIL PLASMA MEMBRANE	01
KORCHAK, HELEN M	R01 AI 18676-04	165,369	NEW YORK UNIVERSITY ACTIVATION OF THE HUMAN NEUTROPHIL	01
KURLANDER, ROGER J	R01 AI 18073-05	136,431	DUKE UNIVERSITY DEPLETION OF FC RECEPTORS DURING IMMUNE CLEARANCE	01
LAMBRIS, JOHN D	R01 AI 21014-01A1	105,249	SCRIPPS MEMORIAL HOSPITAL THE INTERACTION OF C3 WITH H, B, P, AND C5	04

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			INFLAMMATION, INCLUDING COMPLEMENT	
LASKIN, DEBRA L	R23 AI 20183-03	51,109	RUTGERS THE STATE UNIV NEW BRUNSWICK MODULATION OF PHAGOCYTES BY MONOCLONAL ANTIBODIES	04
LAUFFENBURGER, DOUGLAS A	R01 AI 21538-02	51,022	UNIVERSITY OF PENNSYLVANIA QUANTITATIVE STUDIES OF IN VITRO PHAGOCYTE CHEMOTAXIS	04
LEDDY, JOHN P	R01 AI 19738-03	139,452	UNIVERSITY OF ROCHESTER FACTORS INFLUENCING COMPLEMENT LYSIS OF RED CELLS	04
LEVINE, ROBERT P	R01 AI 16543-06	104,548	WASHINGTON UNIVERSITY MOLECULAR PROPERTIES OF THE THIRD COMPLEMENT PROTEIN	04
LEWIS, ROBERT A	R01 AI 22563-01	434,502	BRIGHAM AND WOMEN'S HOSPITAL BIOSYNTHESIS, BIOLOGY & METABOLISM OF THE LEUKOTRIENES	01
LIN, HSIU-SAN	R01 AI 15542-05	110,236	WASHINGTON UNIVERSITY ORIGIN AND DIFFERENTIATION OF MONOCYTES	04
LUDWIG, JANET C	R23 AI 21818-01	49,049	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT PLATELET ACTIVATING FACTOR (PAF) SYNTHESIS AND RELEASE	04
MCPHAIL, LINDA C	R01 AI 22564-01	96,088	WAKE FOREST UNIVERSITY REGULATION OF OXYGEN METABOLISM IN BLOOD NEUTROPHILS	04
MEDOF, M EDWARD	R01 AI 23598-01	157,198	CASE WESTERN RESERVE UNIVERSITY ROLE OF DAF IN THE COMPLEMENT CASCADE ND IN PNH	04
MELNICK, DAVID A	R23 AI 21972-01	56,689	UNIVERSITY HOSPITAL (BOSTON) IMMUNOLOGIC EVALUATION OF GRANULOCYTE ACTIVATION	04
MOLD, CAROLYN	R01 AI 16082-06	105,758	RUSH UNIVERSITY MEMBRANE ACTIVATION OF ALTERNATIVE COMPLEMENT PATHWAY	04
MOLE, JOHN E	R01 AI 19337-04	165,676	UNIVERSITY OF MASSACHUSETTS MEDICAL SCH BIOCHEMISTRY OF COMPLEMENT FACTOR B	04
MULLER-EBERHARD, HANS J	P01 AI 17354-05	1,612,991	SCRIPPS CLINIC AND RESEARCH FOUNDATION MOLECULAR BIOLOGY OF INFLAMMATION AND HOST DEFENSE	04
MURPHY, ROBERT C	R01 AI 20774-02	46,127	UNIVERSITY OF COLORADO HLTH SCIENCES CTR LEUKOTRIENES AND PLATELET ACTIVATING FACTOR	01

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			INFLAMMATION, INCLUDING COMPLEMENT	
NIEDEL, JAMES E	R01 AI 18308-05	141,140	DUKE UNIVERSITY HUMAN MYELOID CHEMOTACTIC RECEPTOR: STRUCTURE-FUNCTION	04
NUSSENZWEIG, VICTOR	R01 AI 13224-09	0*	NEW YORK UNIVERSITY C3, C3 RECEPTORS AND THE H-2 REGION	03
OMANN, GENEVA M	R23 AI 22690-01	56,495	SCRIPPS CLINIC AND RESEARCH FOUNDATION LIGAND-RECEPTOR DYNAMICS AND THE NEUTROPHIL CYTOSKELETON	04
PODACK, ECKHARD R	R01 AI 21999-02	184,721	NEW YORK MEDICAL COLLEGE C9 POLYMERIZATION AND CYTOLYSIS	04
PRYSTOWSKY, MICHAEL B	R01 AI 21681-01	97,326	UNIVERSITY OF PENNSYLVANIA THE ROLE OF T LYMPHOCYTE FACTORS IN HEMOPOIESIS	04
REMOLD-O'DONNELL, EILEEN	R01 AI 20185-02	108,514	CENTER FOR BLOOD RESEARCH PROTEINASE INHIBITORS OF INFLAMMATORY MACROPHAGES	04
ROSENFELD, STEPHEN I	R01 AI 21093-02	138,430	UNIVERSITY OF ROCHESTER IMMUNOLOGICALLY RELEVANT RECEPTORS OF HUMAN PLATELETS	04
RUDDY, SHAUN	R01 AI 13049-10	201,183	VIRGINIA COMMONWEALTH UNIVERSITY CELLULAR INTERACTIONS WITH COMPLEMENT AND PROPERDIN	04
SCHWARTZ, BRADFORD S	R23 AI 20247-03	52,624	UNIVERSITY OF WISCONSIN MADISON INDUCTION OF PROCOAGULANT MOLECULES IN HUMAN MONOCYTES	01
SHA'AFI, RAMADAN I	R01 AI 13734-08	113,255	UNIVERSITY OF CONNECTICUT HEALTH CENTER CHEMOTAXIS AND ELECTROLYTE TRANSPORT IN NEUTROPHILS	04
SHIN, HYUN S	R01 AI 19826-02	142,038	JOHNS HOPKINS UNIVERSITY IMMUNOCHEMICAL STUDIES OF CHEMOATTRACTANT SUBSTANCES	01
SHIN, MOON L	R01 AI 19622-03	98,771	UNIVERSITY OF MARYLAND AT BALTIMORE MECHANISM OF COMPLEMENT ATTACK ON NUCLEATED CELLS	04
SILVERSTEIN, SAMUEL C	R01 AI 20516-02	294,011	COLUMBIA UNIVERSITY NEW YORK ROLE OF MONONUCLEAR LEUKOCYTES IN IMMUNITY	04
SKLAR, LARRY A	R01 AI 19032-03	118,602	SCRIPPS CLINIC AND RESEARCH FOUNDATION STIMULUS-RECEPTOR INTERACTION AND NEUTROPHIL RESPONSE	04

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RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			INFLAMMATION, INCLUDING COMPLEMENT	
SODETZ, JAMES M	R01 AI 16856-04	118,402	UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA STRUCTURE AND FUNCTION OF TERMINAL COMPLEMENT PROTEINS	04
SOUTHWICH, FREDERICK S	R01 AI 23262-01	127,797	UNIVERSITY OF PENNSYLVANIA REGULATION OF ACTIN FILAMENT FORMATION IN PHAGOCYTES	04
STERNBERG, ESTHER M	R23 AI 22529-01	51,591	WASHINGTON UNIVERSITY EFFECT OF SEROTONIN ON MACROPHAGE ACTIVATION	04
STEWART, CARLETON C	R01 AI 19490-04	152,842	UNIVERSITY OF CALIF-LOS ALAMOS NAT LAB PROLIFERATION AND FUNCTION OF MONONUCLEAR PHAGOGYTES	04
SUZUKI, TSUNEO	R01 AI 22742-01	131,956	UNIVERSITY OF KANSAS COL HLTH SCI & HOSP PROSTAGLANDIN SENSITIVE ADENYLATE CYCLASE	04
TACK, BRIAN F	R01 AI 19222-04	166,043	SCRIPPS CLINIC AND RESEARCH FOUNDATION STRUCTURAL BASIS OF C3 FUNCTIONS	04
TACK, BRIAN F	R01 AI 22214-01	123,527	SCRIPPS CLINIC AND RESEARCH FOUNDATION COMPLETE PRIMARY STRUCTURE OF HUMAN C5	04
TAUBER, ALFRED I	R01 AI 20064-04	164,050	BOSTON UNIVERSITY MOLECULAR MECHANISMS OF NEUTROPHIL SUPEROXIDE GENERATION	01
VADAS, MATHEW A	R01 AI 21876-01	44,745	WALTER AND ELIZA HALL INST MEDICAL RES FUNCTION AND STRUCTURE OF HUMAN NEUTROPHIL ANTIGENS	04
VANDERHOEK, JACK Y	R01 AI 17551-05	116,615	GEORGE WASHINGTON UNIVERSITY PHARMACOLOGY OF LIPOXYGENASE INHIBITORS	01
VOLANAKIS, JOHN E	R01 AI 15607-07	113,376	UNIVERSITY OF ALABAMA AT BIRMINGHAM C-REACTIVE PROTEIN-PHOSPHOLIPID INTERACTIONS	04
VOLANAKIS, JOHN E	R01 AI 21067-02	112,167	UNIVERSITY OF ALABAMA AT BIRMINGHAM ASSEMBLY AND REGULATION OF COMPLEMENT C3-CONVERTASES	04
WEISS, STEPHEN	R01 AI 21301-02	138,792	LOYOLA UNIVERSITY MEDICAL CENTER HUMAN PHAGOCYTES, OXYGEN METABOLITES, AND INFLAMMATION	04
WELLER, PETER F	R01 AI 20241-03	125,808	BETH ISRAEL HOSP (BOSTON) HUMAN EOSINOPHILS: MECHANISMS OF FUNCTIONING	01

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			INFLAMMATION, INCLUDING COMPLEMENT	
HELLER, PETER F	R01 AI 22571-01	161,997	BETH ISRAEL HOSP (BOSTON) CYTOPLASMIC LIPID BODIES OF INFLAMMATORY CELLS	04
HINKELSTEIN, JERRY A	R01 AI 19278-03	140,816	JOHNS HOPKINS UNIVERSITY GENETICALLY DETERMINED DEFICIENCY OF C3	04
HYKLE, ROBERT L	R01 AI 17287-05	94,045	WAKE FOREST UNIVERSITY STIMULATION OF NEUTROPHIL ARACHIDONATE METABOLISM	01
ZICCARDI, ROBERT J	R01 AI 14502-08	180,345	SCRIPPS CLINIC AND RESEARCH FOUNDATION MECHANISMS OF COMPLEMENT ACTIVATION AND CONTROL	04
ZIGMOND, SALLY H	R01 AI 19883-03	108,685	UNIVERSITY OF PENNSYLVANIA PINOCYTOSIS IN POLYMORPHONUCLEAR LEUKOCYTES	01
	89	12,077,219		
BADWEY, JOHN A	K04 AI 00672-01	45,738	HARVARD UNIVERSITY ENZYMES MODULATING SECOND MESSENGERS IN NEUTROPHILS	04
BELL, CHARLES D	K11 AI 00613-02	63,444	UNIVERSITY OF ALABAMA AT BIRMINGHAM COMPUTER MODELING OF COMPLEMENT FACTOR D, CLR, AND CLS	04
GEHA, RAIF S	K07 AI 00632-05	54,765	CHILDREN'S HOSPITAL (BOSTON) MACROPHAGE-T CELL INTERACTIONS IN MAN	01
MOORE, ROBERT N	K04 AI 00657-01	55,296	UNIVERSITY OF TENNESSEE KNOXVILLE REGULATION OF MACROPHAGE INFLAMMATORY RESPONSES BY CSF	04
STRUNK, ROBERT C	K07 AI 00543-03	48,275	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST REGULATION OF COMPLEMENT SYNTHESIS	01
	5	267,518		
			MECHANISMS OF ALLERGIC DISEASE, INCLUDING ALLERGENS	
ASKENASE, PHILIP W	R01 AI 12211-12	252,308	YALE UNIVERSITY IMMUNOLOGY OF CUTANEOUS BASOPHIL HYPERSENSITIVITY	01

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RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MECHANISMS OF ALLERGIC DISEASE, INCLUDING ALLERGENS	
ASKENASE, PHILIP W	R01 AI 17555-04	0*	YALE UNIVERSITY BASOPHIL HYPERSENSITIVITY AND IMMUNE HOST RESISTANCE	01
AUSTEN, K FRANK	P50 AI 23401-01	566,834	BRIGHAM AND WOMEN'S HOSPITAL IMMUNOLOGIC RELEASE OF CHEMICAL MEDIATORS IN MAN	01
BASS, DAVID A	R01 AI 14929-07	123,538	WAKE FOREST UNIVERSITY EOSINOPHIL FUNCTION IN PULMONARY GRANULOMAS	01
BAYER, BARBARA M	R23 AI 20076-03	55,482	GEORGETOWN UNIVERSITY INHIBITION OF LYMPHOCYTE ACTIVATION/AMINO ACID UPTAKE	01
BJORNSON, BARBARA H	R23 AI 20398-03	54,181	BOSTON CITY HOSPITAL REGULATION OF HUMAN IN VITRO GRANULOPOIESIS	01
BLANCHARD, GORDON C	R01 AI 19852-02	103,998	BOSTON CITY HOSPITAL AEROSOLIZED ANTIGEN INDUCED LUNG NONRESPONSIVENESS	01
BUCKLEY, REBECCA H	P50 AI 12026-12	170,907	DUKE UNIVERSITY IMMUNOREGULATION IN ECZEMA AND OTHER ATOPIC DISEASES	01
BUTCHER, BRIAN T	R01 AI 21552-01A1	95,578	TULANE UNIVERSITY OF LOUISIANA IMMUNOLOGIC STUDIES OF FIRE ANT HYPERSENSITIVITY	01
BUTTERFIELD, JOSEPH H	R01 AI 20416-03	103,050	MAYO FOUNDATION EOSINOPHIL COLONY FORMING CELLS IN EOSINOPHILIC DISEASES	01
CHIORAZZI, NICHOLAS	P50 AI 19080-04	240,297	ROCKEFELLER UNIVERSITY ALLERGY AND CLINICAL IMMUNOLOGY PROGRAM	01
COCHRANE, DAVID E	R01 AI 19436-03	114,581	TUFTS UNIVERSITY CONTROL OF NON-IMMUNOLOGIC MAST CELL HISTAMINE SECRETION	01
COCHRANE, DAVID E	R01 AI 19736-03	105,665	TUFTS UNIVERSITY NEUROTENSIN ON MAST CELLS OF SKIN AND PERITONEUM	01
CONRAD, DANIEL H	R01 AI 18697-04	127,599	JOHNS HOPKINS UNIVERSITY IGE RECEPTORS ON MAST CELLS AND LYMPHOCYTES	01
FEWTRELL, CLARE M S	R01 AI 19910-02	124,548	CORNELL UNIVERSITY ITHACA THE ROLE OF CALCIUM IN SECRETION FROM TUMOR BASOPHILS	01

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RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MECHANISMS OF ALLERGIC DISEASE, INCLUDING ALLERGENS	
FIREMAN, PHILIP	R01 AI 19262-03	0*	CHILDREN'S HOSPITAL OF PITTSBURGH IMMUNE MECHANISMS OF MIDDLE EAR DISEASE	01
GIGLI, IRMA	P50 AI 20476-03	174,586	UNIVERSITY OF CALIFORNIA SAN DIEGO ASTHMA & ALLERGIC DISEASE CENTER FOR IMMUNODERMATOLOGY	01
GLEICH, GERALD J	R01 AI 09728-16	120,665	MAYO FOUNDATION THE FUNCTIONS OF EOSINOPHILS	01
GLEICH, GERALD J	R01 AI 15231-08	99,108	MAYO FOUNDATION EOSINOPHILS IN HUMAN DISEASE	01
GOETZL, EDWARD J	P01 AI 19784-03	194,348	UNIVERSITY OF CALIFORNIA SAN FRANCISCO LIPID AND PEPTIDE MEDIATORS OF ALLERGIC REACTIONS	04
HANIFIN, JON M	R01 AI 15557-07	85,759	OREGON HEALTH SCIENCES UNIVERSITY RECEPTOR PHARMACOLOGY IN ATOPIC DERMATITIS	01
HANIFIN, JON M	R01 AI 18615-04	129,607	OREGON HEALTH SCIENCES UNIVERSITY PHOSPHODIESTERASE STUDIES IN ATOPIC DERMATITIS	01
ISHIZAKA, KIMISHIGE	R01 AI 14784-08	116,823	JOHNS HOPKINS UNIVERSITY ONTOGENY AND DIFFERENTIATION OF IGE-B LYMPHOCYTES	01
ISHIZAKA, TERUKO	R01 AI 10060-16	253,319	JOHNS HOPKINS UNIVERSITY RELATION OF GAMMA GLOBULIN STRUCTURE TO HYPERSENSITIVITY	01
KENNERLY, DONALD A	R01 AI 22277-01	128,532	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS LIPID METABOLIC ALTERATIONS DURING MAST CELL SECRETION	01
KING, TE PIAO	R01 AI 17021-06	163,045	ROCKEFELLER UNIVERSITY IMMUNOCHEMICAL STUDIES OF INSECT VENOM ALLERGENS	01
KLAPPER, DAVID G	R01 AI 14908-08	90,180	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL STRUCTURE/FUNCTION OF RAGWEED POLLEN ALLERGEN ANTIGEN E	01
KLEBANOFF, SEYMOUR J	R01 AI 17758-04A1	121,383	UNIVERSITY OF WASHINGTON MAST CELL - EOSINOPHIL INTERACTION IN ALLERGIC INJURY	01
LEHRER, SAMUEL B	R01 AI 19266-03	105,264	TULANE UNIVERSITY OF LOUISIANA IMMUNOPATHOGENESIS OF SHELLFISH ALLERGY	01

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MECHANISMS OF ALLERGIC DISEASE, INCLUDING ALLERGENS	
LICHTENSTEIN, LAWRENCE M	R01 AI 08279-18	337,105	JOHNS HOPKINS UNIVERSITY AN IN VITRO APPROACH TO PROBLEMS OF CLINICAL ALLERGY	01
LIU, FU-TONG	R01 AI 19747-04	240,689	MEDICAL BIOLOGY INSTITUTE MOLECULAR STUDIES OF FC RECEPTORS FOR IMMUNOGLOBULIN E	01
MACGLASHAN, DONALD W, JR	R01 AI 20253-01A2	130,615	JOHNS HOPKINS UNIVERSITY MECHANISMS OF HUMAN BASOPHIL & MAST CELL DESENSITIZATION	01
MARQUARDT, DIANA L	R23 AI 21504-01A1	51,188	UNIVERSITY OF CALIFORNIA SAN DIEGO ROLE OF ADENOSINE AND STEROIDS IN MAST CELL BIOCHEMISTRY	01
MARSH, DAVID G	R01 AI 19727-03	128,593	JOHNS HOPKINS UNIVERSITY IMMUNOCHEMICAL STUDIES OF HUMAN RESPONSE TO ALLERGENS	01
NORMAN, PHILLIP S	R01 AI 04866-23	198,084	JOHNS HOPKINS UNIVERSITY A STUDY OF ALLERGY TO RAGWEED POLLEN	01
NORMAN, PHILLIP S	P50 AI 20136-03	599,022	JOHNS HOPKINS UNIVERSITY INTERDISCIPLINARY RESEARCH IN IMMUNOLOGIC DISEASES	04
PARKER, CHARLES W	P50 AI 15322-08	389,832	WASHINGTON UNIVERSITY INTERDISCIPLINARY RESEARCH CENTER IMMUNOLOGIC DISEASES	01
PECHT, ISRAEL	R01 AI 22669-01	93,550	WEIZMANN INSTITUTE OF SCIENCE THE IGE-RECEPTOR - CALCIUM CHANNEL COMPLEX ON BASOPHILS	01
PIECHURA, JAMES E	R23 AI 21861-01A1	46,332	MEDICAL COLLEGE OF WISCONSIN ALLERGENS OF ASPERGILLUS FUMIGATUS	01
PINCUS, STEPHANIE H	R01 AI 16432-06	172,783	TUFTS UNIVERSITY THE EOSINOPHIL PEROXIDASE SYSTEM	01
PINCUS, STEPHANIE H	R01 AI 18134-04	95,829	TUFTS UNIVERSITY CELLULAR INTERACTIONS: LYMPHOCYTES AND EOSINOPHILS	01
PLATTS-MILLS, THOMAS A	R01 AI 20565-02	141,657	UNIVERSITY OF VIRGINIA CHARLOTTESVILLE DUST MITE ALLERGENS IN HOUSES--ASTHMA AND RHINITIS	01
PLAUT, MARSHALL	R01 AI 12810-09	0*	JOHNS HOPKINS UNIVERSITY HISTAMINE IN MODULATION OF CELL-MEDIATED IMMUNITY	01

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RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MECHANISMS OF ALLERGIC DISEASE, INCLUDING ALLERGENS	
PLAUT, MARSHALL	R01 AI 21722-01	104,047	JOHNS HOPKINS UNIVERSITY BASOPHIL/MAST CELL ACTIVATION BY HUMAN MONONUCLEAR CELLS	01
REED, CHARLES E	R01 AI 21255-02	96,011	MAYO FOUNDATION IMMUNOCHEMICAL MEASUREMENT OF AIRBORNE ALLERGENS	01
REISMAN, ROBERT E	R01 AI 14501-08	117,463	STATE UNIVERSITY OF NEW YORK AT BUFFALO CLINICAL/IMMUNOLOGIC STUDIES OF STINGING INSECT ALLERGY	01
ROCKLIN, ROSS E	P50 AI 18023-05	284,551	TUFTS UNIVERSITY IMMUNOREGULATION IN ALLERGIC/HYPERSENSITIVITY DISEASE	01
ROTHBERG, RICHARD M	R01 AI 07854-16	152,151	UNIVERSITY OF CHICAGO IMMUNE RESPONSES OF NEWBORNS TO INGESTED ANTIGENS	01
SAMPSON, HUGH A	R01 AI 19116-04	158,240	DUKE UNIVERSITY ROLE OF FOOD HYPERSENSITIVITY IN ATOPIC DERMATITIS	01
SCHWARTZ, LAWRENCE B	R01 AI 20487-03	189,012	VIRGINIA COMMONWEALTH UNIVERSITY BIOCHEMISTRY OF MAST CELL SECRETORY GRANULE ENZYMES	01
SMITH, THOMAS F	R23 AI 21072-01A1	51,854	EMORY UNIVERSITY EXTRINSIC MODULATION OF HISTAMINE RELEASE	01
SOLOMON, WILLIAM R	R01 AI 10181-15	139,318	UNIVERSITY OF MICHIGAN AT ANN ARBOR ALLERGENICITY OF AIRBORNE PARTICULATES	01
SOLOMON, WILLIAM R	R01 AI 22495-01	63,096	UNIVERSITY OF MICHIGAN AT ANN ARBOR ALLERGENIC MICROAEROSOLS: OCCURRENCE AND IMPACT	01
SULLIVAN, TIMOTHY J	R01 AI 19801-03	197,879	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS BIOCHEMISTRY OF MAST CELL MEDIATOR RELEASE	01
THOMAS, LARRY L	R01 AI 17177-04A1	117,918	RUSH-PRESBYTERIAN-ST LUKES MEDICAL CTR ROLE OF INFLAMMATORY REACTANTS IN ALLERGIC DISEASE	01
VALENTINE, MARTIN D	R01 AI 15443-07	200,859	JOHNS HOPKINS UNIVERSITY TREATMENT OF INSECT STING ALLERGY IN CHILDREN	01
WEDNER, H JAMES	R01 AI 18281-05	154,640	WASHINGTON UNIVERSITY EARLY BIOCHEMICAL EVENTS DURING LYMPHOCYTE ACTIVATION	04

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ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MECHANISMS OF ALLERGIC DISEASE, INCLUDING ALLERGENS	
WEILER, JOHN M	R01 AI 22350-01	96,411	UNIVERSITY OF IOWA PROTAMINE HYPERSENSITIVITY AND HEPARIN FRAGMENT BIOLOGY	01
YUNGINGER, JOHN W	R01 AI 16791-06	84,288	MAYO FOUNDATION CHEMICAL & CLINICAL ASPECTS OF ALTERNARIA ALLERGENS	01
YUNGINGER, JOHN W	R01 AI 21398-02	111,267	MAYO FOUNDATION MECHANISMS UNDERLYING INSECT STING HYPERSENSITIVITY	01
ZWEIMAN, BURTON	R01 AI 14332-09	239,409	UNIVERSITY OF PENNSYLVANIA INFLAMMATORY RESPONSES IN ALLERGIC REACTIONS AND ASTHMA	01
	61	9,204,878		
BURRALL, BARBARA A	K11 AI 00668-01	50,981	UNIVERSITY OF CALIFORNIA SAN FRANCISCO CELLULAR PATHWAYS OF LIPOXYGENATION OF ARACHIDONIC ACID	01
FOX, CHARITY C	K11 AI 00703-01	78,759	JOHNS HOPKINS UNIVERSITY ROLE OF MUCOSAL MAST CELLS IN ALLERGIC INFLAMMATION	04
HENDERSON, WILLIAM R, JR	K07 AI 00487-04	51,680	UNIVERSITY OF WASHINGTON MAST CELL-EOSINOPHIL INTERACTION IN ALLERGY	01
OWNBY, CHARLOTTE L	K04 AI 00474-02	54,864	OKLAHOMA STATE UNIVERSITY STILLWATER ANTISERUM TREATMENT VENOM-INDUCED NECROSIS	01
ROSENWASSER, LANNY J	K07 AI 00595-02	57,672	TUFTS UNIVERSITY ACCESSORY MECHANISMS IN HUMAN LYMPHOCYTE ACTIVATION	01
	5	293,956		
			ASTHMA	
ADKINSON, N FRANKLIN, JR	R01 AI 21073-02	326,381	JOHNS HOPKINS UNIVERSITY IMMUNOTHERAPY OF CHILDHOOD ASTHMA	01
BERNSTEIN, I LEONARD	U01 AI 21984-02	220,305	UNIVERSITY OF CINCINNATI CENTER STUDY OF IMMUNOTHERAPY IN ALLERGIC ASTHMATICS	01

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ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ASTHMA	
BUSSE, WILLIAM W	R01 AI 15685-06	172,324	UNIVERSITY OF WISCONSIN MADISON MECHANISMS OF VIRUS INDUCED ASTHMA	01
CRETICOS, PETER S	U01 AI 21992-02	237,035	JOHNS HOPKINS UNIVERSITY IMMUNOTHERAPY IN ADULT ASTHMATICS	01
FAHEY, JOHN L	P50 AI 15332-08	731,170	UNIVERSITY OF CALIFORNIA LOS ANGELES INTERDISCIPLINARY RESEARCH ON IMMUNOLOGIC DISEASE	04
FRICK, OSCAR L	RG1 AI 15233-05	122,445	UNIVERSITY OF CALIFORNIA SAN FRANCISCO DEVELOPMENT OF ASTHMA	01
GLEICH, GERALD J	P50 AI 11483-12	170,787	MAYO FOUNDATION ASTHMA AND ALLERGIC DISEASE CENTER PROGRAM GRANT	01
HONG, RICHARD	P50 AI 10404-15	287,210	UNIVERSITY OF WISCONSIN MADISON ASTHMA AND ALLERGIC DISEASE CENTER GRANT	01
LOPEZ, MANUEL	U01 AI 21987-02	217,900	TULANE UNIVERSITY OF LOUISIANA IMMUNOTHERAPY IN MITE SENSITIVE ASTHMATICS	01
PATTERSON, ROY	P50 AI 11403-13	445,853	NORTHWESTERN UNIVERSITY ASTHMA AND ALLERGIC DISEASE CENTER	01
PATTERSON, ROY	R01 AI 20060-03	86,643	NORTHWESTERN UNIVERSITY ANIMAL MODELS OF ASTHMA AND OCCUPATIONAL LUNG DISEASE	01
REED, CHARLES E	U01 AI 21976-02	212,789	MAYO FOUNDATION IMMUNOTHERAPY FOR RAGWEED-INDUCED ASTHMA	01
RICHERSON, HAL B	P50 AI 19093-03	198,731	UNIVERSITY OF IOWA IMMUNOLOGIC MECHANISMS IN ATOPIC AND ALLERGIC DISEASES	01
SALVAGGIO, JOHN E	R01 AI 20331-03	101,444	TULANE UNIVERSITY OF LOUISIANA IDENTIFICATION OF ALLERGENS IN MOLD INDUCED ASTHMA	01
SCHATZ, MICHAEL	R01 AI 20426-01A2	74,901	KAISER FOUNDATION RESEARCH INSTITUTE EFFECT OF GESTATIONAL ASTHMA ON PREGNANCY AND THE INFANT	01
SCHULMAN, EDWARD S	R23 AI 20634-02	58,250	THOMAS JEFFERSON UNIVERSITY MECHANISMS OF HUMAN LUNG HYPERSENSITIVITY REACTIONS	01

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RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ASTHMA	
TAN, ENG M	P50 AI 10386-14	408,788	SCRIPPS CLINIC AND RESEARCH FOUNDATION ASTHMA, ALLERGY AND AUTOIMMUNITY	01
VAN METRE, THOMAS E	R01 AI 18374-04	168,840	JOHNS HOPKINS UNIVERSITY IMMUNOTHERAPY FOR ALLERGIC ASTHMA	01
WASSERMAN, STEPHEN I	U01 AI 21991-02	267,335	UNIVERSITY OF CALIFORNIA SAN DIEGO EFFICACY OF IMMUNOTHERAPY IN MITE ALLERGIC ASTHMA	01
	19	4,449,131		
METZGER, W JAMES	K08 AI 00664-03	62,300	EAST CAROLINA UNIVERSITY PATHOBIOLOGY OF LATE PHASE ASTHMA IN THE ALLERGIC	01
	1	62,300		
			IMMUNOLOGIC DISEASES, OTHER	
AUSTEN, K FRANK	R01 AI 22531-01	410,082	BRIGHAM AND WOMEN'S HOSPITAL IN VITRO STUDIES OF THE MECHANISM OF ANAPHYLAXIS	01
BATTISTO, JACK R	R01 AI 20748-02	72,182	CLEVELAND CLINIC FOUNDATION CONTROL OF T CELL IMMUNE RESPONSES BY ORAL TOLERANCE	01
BERGSTRESSER, PAUL R	P50 AI 17363-06	398,626	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS IMMUNE MECHANSIMS OF SKIN DISEASE	01
CHAI, HYMAN	R01 AI 19345-03	0*	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST CHILDHOOD ASTHMA: STEROID THERAPY & SCHOOL PERFORMANCE	01
FINK, JORDAN N	P50 AI 19104-04	188,576	MEDICAL COLLEGE OF WISCONSIN IMMUNOLOGIC STUDIES OF ENVIRONMENTAL LUNG DISEASE	01
KANTOR, FRED S	R01 AI 11077-13	220,215	YALE UNIVERSITY INTERPLAY OF HUMORAL FACTORS IN CELLULAR IMMUNITY	04
KAPLAN, ALLEN P	P50 AI 16337-07	208,362	STATE UNIVERSITY NEW YORK STONY BROOK PATHOGENESIS OF URTICARIA, ANGIOEDEMA AND VASCULITIS	01

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RESEARCH GRANTS & CAREER PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
		IMMUNOLOGIC DISEASES, OTHER		
LEDDY, JOHN P	P01 AI 21288-02	243,270	UNIVERSITY OF ROCHESTER VASCULOPATHIC MECHANISMS IN IMMUNOLOGIC DISEASES	01
LICHTENSTEIN, LAWRENCE M	R01 AI 07290-20	321,081	JOHNS HOPKINS UNIVERSITY IN VITRO STUDIES OF HUMAN ANAPHYLAXIS	01
MOORHEAD, JOHN W	RC1 AI 12993-09	150,862	UNIVERSITY OF COLORADO HLTH SCIENCES CTR INTERACTION OF T CELLS IN IMMUNITY AND TOLERANCE	02
OVARY, ZOLTAN	R01 AI 03075-26	114,077	NEW YORK UNIVERSITY IMMUNOLOGICAL MECHANISM OF ANAPHYLAXIS	01
RICH, ROBERT R	P01 AI 21289-02	272,388	BAYLOR COLLEGE OF MEDICINE REGULATORY ABNORMALITIES IN IMMUNOLOGIC DISEASES	04
ROCKLIN, ROSS E	R01 AI 15912-08	202,052	TUFTS UNIVERSITY MECHANISMS OF CELLULAR HYPERSENSITIVITY IN MAN	01
SOTER, NICHOLAS A	R01 AI 20852-01	0*	NEW YORK UNIVERSITY DERMATOLOGIC DISEASES: MEDIATORS OF INFLAMMATION	01
STREILEIN, J WAYNE	R01 AI 22072-01	124,791	UNIVERSITY OF MIAMI LANGERHANS CELLS IN CONTACT HYPERSENSITIVITY	01
	15	2,926,564		
GRAZIANO, FRANK M	K07 AI 00652-01	45,910	UNIVERSITY OF WISCONSIN MADISON MECHANISMS OF HYPERSENSITIVITY STATES	01
RODRIGUEZ, ELOY	K04 AI 00472-04	51,849	UNIVERSITY OF CALIFORNIA IRVINE CHEMISTRY AND DERMATOTOXICITY OF ALLERGENIC PLANTS	01
	2	97,759		
		AUTOIMMUNE, IMMUNE COMPLEX AND CONNECTIVE TISSUE DISEASES		
BOWDEN, DONALD W	R43 AI 22331-01	50,000	COLLABORATIVE RESEARCH, INC. IDENTIFICATION OF GRAVES DISEASE SPECIFIC ANTIGENS	04

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			AUTOIMMUNE, IMMUNE COMPLEX AND CONNECTIVE TISSUE DISEASES	
BROWN, JOHN C	R01 AI 16220-07	78,018	UNIVERSITY OF KANSAS LAWRENCE FUNCTIONAL ASPECTS OF ANTIGEN-ANTIBODY INTERACTION	02
CAULFIELD, MICHAEL J	R01 AI 21178-01A1	85,136	CLEVELAND CLINIC FOUNDATION IMMUNOREGULATORY EFFECTS OF ANTIGEN/ANTIBODY COMPLEXES	04
CHIORAZZI, NICHOLAS	R01 AI 10811-20	230,639	ROCKEFELLER UNIVERSITY IMMUNOLOGICAL STUDIES IN SLE & CERTAIN OTHER CONDITIONS	04
COHEN, HARVEY J	R01 AI 19656-03	176,685	UNIVERSITY OF ROCHESTER WHITE BLOOD CELL OXIDASE--NORMAL AND ABNORMAL	01
DIXON, FRANK J	P01 AI 07007-20	1,488,153	SCRIPPS CLINIC AND RESEARCH FOUNDATION IMMUNOPATHOLOGIC STUDIES	04
FATHMAN, C GARRISON	P01 AI 11313-12	365,265	STANFORD UNIVERSITY IMMUNOLOGIC INTERVENTION IN AUTOIMMUNITY	01
KANTOR, FRED S	R01 AI 17716-05	165,817	YALE UNIVERSITY ANTI-IDIOTYPIC CONTROL OF NEURAL AND ALLERGIC DISEASES	04
KLOTZ, JOAN L	R01 AI 21439-01A1	128,630	CITY OF HOPE NATIONAL MEDICAL CENTER STUDY OF MURINE ANTI-DNA AUTOANTIBODY GENES	03
KUPPERS, RUDOLF C	R23 AI 21088-01A1	55,613	JOHNS HOPKINS UNIVERSITY FREQUENCY OF THYROGLOBULIN REACTIVE LYMPHOCYTES	01
LIBERTI, PAUL A	R43 AI 22318-01	50,000	IMMUNICON CORPORATION IMMUNE SELECTIVE FILTRATION OF COMPLEX BIOLOGICAL FLUIDS	04
MICHAEL, ALFRED F	R01 AI 10704-25	241,254	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL STUDY OF RENAL DISEASES IN CHILDHOOD	04
REICHLIN, MORRIS	P01 AI 21568-01A1	220,496	OKLAHOMA MEDICAL RESEARCH FOUNDATION AUTOANTIBODIES IN SLE AND POLYMYOSITIS	04
ROSE, KATHLEEN M	R01 AI 21084-03	108,596	UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON RNA POLYMERASE I POLYPEPTIDES IN MURINE LUPUS	04
ROTH, EUGENE F, JR	R01 AI 21316-01A1	112,840	MOUNT SINAI SCHOOL OF MEDICINE METABOLIC STRESS IN NORMAL AND ABNORMAL HUMAN RED CELLS	04

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
AUTOIMMUNE, IMMUNE COMPLEX AND CONNECTIVE TISSUE DISEASES				
SCHWARTZ, ROBERT S	R13 AI 22020-01	7,500	NEW YORK ACADEMY OF SCIENCES CONFERENCE ON AUTOIMMUNITY	04
SIDMAN, CHARLES L	R01 AI 20232-03	121,766	JACKSON LABORATORY AUTOIMMUNITY AND B CELL-DIRECTED LYMPHOKINES	04
STOLLAR, BERNARD D	P01 AI 19794-03	308,359	TUFTS UNIVERSITY HUMAN HYBRIDOMAS IN THE ANALYSIS OF AUTOIMMUNE DISEASE	04
WAXMANN, FRANK J	R43 AI 22352-01	49,740	XYTRONYX, INC. ENHANCEMENT OF ERYTHROCYTE CR1 RECEPTORS	04
WESTON, WILLIAM L	R01 AI 16637-06	177,547	UNIVERSITY OF COLORADO HLTH SCIENCES CTR ERYTHEMA MULTIFORME: A CLINICAL PATHOGENETIC STUDY	01
	20	4,222,054		
BROWN, JOHN C	K04 AI 00427-05	51,009	UNIVERSITY OF KANSAS LAWRENCE FUNCTIONAL ASPECTS OF AUTOREACTIVE ANTIBODY	04
	1 *	51,009		
TRANSPLANTATION AND HISTOCOMPATIBILITY TESTING				
AMOS, DENNIS B	R01 AI 08897-17	235,511	DUKE UNIVERSITY IMMUNOLOGIC STUDY OF HUMAN HLA AND MOUSE H-2 ANTIGENS	03
ASCHER, NANCY L	R23 AI 21560-02	49,879	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL ORGAN TRANSPLANTS: ANALYSIS OF MIGRATING LYMPHOCYTES	03
ATASSI, M ZOUHAIR	R01 AI 21386-02	140,910	BAYLOR COLLEGE OF MEDICINE IMMUNE RECOGNITION OF MAJOR HISTOCOMPATIBILITY ANTIGENS	03
BACH, FRITZ H	R01 AI 17687-06	379,539	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL GENETIC FACTORS IN TRANSPLANT SURVIVALS	03
BACH, FRITZ H	R01 AI 18326-05	350,565	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL STUDIES IN ORGAN TRANSPLANTATION	03

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			TRANSPLANTATION AND HISTOCOMPATIBILITY TESTING	
BACH, FRITZ H	R01 AI 19007-03	244,162	UNIVERSITY OF MICHIGAN AT ANN ARBOR FINE STRUCTURE ANALYSIS OF HLA-D	03
BACH, FRITZ H	R01 AI 22682-01	243,479	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL STUDIES OF HLA CLASS II GENES	03
BARBOSA, JAMES A	R23 AI 22447-01	56,601	DANA-FARBER CANCER INSTITUTE DIRECTED MUTAGENESIS OF HLA GENES IN IMMUNE RECOGNITION	03
BEVAN, MICHAEL J	R01 AI 19335-04	192,153	SCRIPPS CLINIC AND RESEARCH FOUNDATION CYTOTOXIC RESPONSE TO HISTOCOMPATIBILITY ANTIGENS	03
BILLINGHAM, RUPERT E	R01 AI 10678-14	263,763	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS IMMUNOBIOLOGY OF TISSUE TRANSPLANTATION AND PREGNANCY	03
BIRO, PAUL A	R01 AI 20182-02	166,915	DANA-FARBER CANCER INSTITUTE ORGANIZATION AND EXPRESSION OF CLASS I HLA GENES	03
BLACK, FRANCIS L	R01 AI 18940-03S1	0*	YALE UNIVERSITY IMMUNITY TO INFECTION IN HUMAN GENETIC ISOLATES	03
BOLLINGER, RALPH R	P01 AI 19368-03	420,966	DUKE UNIVERSITY IMMUNOLOGIC MODIFICATION OF HUMAN ALLOGRAFT RECIPIENTS	03
BORTIN, MORTIMER M	R01 AI 21660-01	43,550	MEDICAL COLLEGE OF WISCONSIN TRANSPLATATION FOR SEVERE COMBINED IMMUNODEFICIENCY	03
BURDICK, JAMES F	R01 AI 15081-05	117,162	JOHNS HOPKINS UNIVERSITY SURVIVAL OF PRIMARILY VASCULARIZED MURINE ALLOGRAFTS	03
CAPRA, J DONALD	R01 AI 18922-03	0*	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS PRIMARY STRUCTURAL ANALYSIS OF HUMAN DR ANTIGENS	03
CARPENTER, CHARLES B	P01 AI 23360-01	539,971	BRIGHAM AND WOMEN'S HOSPITAL PROGRAM PROJECT IN TRANSPLANTATION IMMUNOLOGY	03
CLANCY, JOHN, JR	R01 AI 20677-01A1	71,425	UNIVERSITY OF KANSAS COL HLTH SCI & HOSP GRAFT VERSUS HOST DISEASE ROLE OF NK CELLS	03
CLICK, ROBERT E	R01 AI 19643-02	58,589	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL CONTROL OF A COMPOSITE OF DIVERSE IMMUNE FUNCTIONS	03

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			TRANSPLANTATION AND HISTOCOMPATIBILITY TESTING	
CRESSWELL, PETER	R01 AI 14016-08	0*	DUKE UNIVERSITY MOLECULAR STUDIES OF THE MIXED LYMPHOCYTE RESPONSE	02
CRESSWELL, PETER	R01 AI 15775-07	116,506	DUKE UNIVERSITY SUBCLASS-SPECIFIC ANTIGENS OF HUMAN T-CELLS	03
CRESSWELL, PETER	R01 AI 20547-02	102,841	DUKE UNIVERSITY IMMUNE RECOGNITION OF MAJOR HISTOCOMPATIBILITY ANTIGENS	03
DAVID, CHELLA S	R01 AI 14764-09	207,570	MAYO FOUNDATION GENETICS AND SEROLOGY OF H-2 (IR) LINKED IA ANTIGENS	03
DAVIS, MARK M	R01 AI 20320-03	144,214	STANFORD UNIVERSITY CELL TYPE SPECIFIC GENES OF THE IMMUNE SYSTEM	03
DE ALARCON, PEDRO A	R23 AI 21765-01	49,193	UNIVERSITY OF IOWA IN VITRO MEGAKARYOCYTOPOIESIS IN MARROW TRANSPLANTATION	03
DE MARS, ROBERT I	R01 AI 15486-07	207,650	UNIVERSITY OF WISCONSIN MADISON T LYMPHOCYTE HYBRIDS AND LYMPHOBLASTOID VARIANTS	03
DUQUESNOY, RENE J	R01 AI 21410-02	114,446	UNIVERSITY OF PITTSBURGH IMMUNOBIOLOGY OF HLA AND ITS CLINICAL APPLICATIONS	03
EDIDIN, MICHAEL A	R01 AI 14584-19	157,536	JOHNS HOPKINS UNIVERSITY CHEMISTRY AND DEVELOPMENT OF TRANSPLANTATION ANTIGENS	03
EDIDIN, MICHAEL A	R01 AI 19814-03	111,586	JOHNS HOPKINS UNIVERSITY MAJOR HISTOCOMPATIBILITY ANTIGENS AND MEMBRANE RECEPTORS	03
ENGELHARD, VICTOR H	R01 AI 20963-02	123,420	UNIVERSITY OF VIRGINIA CHARLOTTESVILLE ANTIGENIC DETERMINANTS ON HLA-B7 AND -A2	03
ENGELHARD, VICTOR H	R01 AI 21393-02	102,011	UNIVERSITY OF VIRGINIA CHARLOTTESVILLE XENOGENEIC CYTOTOXIC T CELL RESPONSES	03
FITCH, FRANK W	R01 AI 09268-17	180,739	UNIVERSITY OF CHICAGO SPECIFIC SUPPRESSION OF ALLOGRAFT REGULATION	03
FRELINGER, JEFFREY A	R01 AI 20288-03	262,764	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL GENETICS AND FUNCTION OF MURINE IA ANTIGENS	03

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			TRANSPLANTATION AND HISTOCOMPATIBILITY TESTING	
FRY, KIRK E	R43 AI 22777-01	50,000	GENE LABS, INC. PRODUCTION OF HUMAN HLA TYPING REAGENTS	03
GLIMCHER, LAURIE H	R01 AI 21569-02	111,148	HARVARD UNIVERSITY IA MUTATIONS IN FUNCTIONAL ANTIGEN PRESENTING CELL LINES	03
GOOD, ROBERT A	R01 AI 22360-01	0*	UNIVERSITY OF SOUTH FLORIDA MARROW TRANSPLANT FOR AUTOIMMUNITY AND CANCER	01
GRAFF, RALPH J	R01 AI 21000-02	74,930	JEWISH HOSPITAL OF ST. LOUIS IMMUNOGENETIC STUDIES ON H-3 REGION GENES AND ANTIGENS	03
GRIFFIN, WILMA S	R01 AI 14663-07A1	98,743	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS BRAIN DEVELOPMENT AND GRAFT VERSUS HOST DISEASE	03
HANSBURG, DANIEL	R01 AI 20661-02	153,071	FOX CHASE CANCER CENTER SYNTHETIC PEPTIDE ANTIGENS AND IR GENE FUNCTION	03
HANSEN, TED H	R01 AI 19687-03	93,940	WASHINGTON UNIVERSITY H-2D HETEROGENEITY: IMMUNOGENETIC & FUNCTIONAL STUDIES	03
HANSEN, TED H	R01 AI 19993-03	123,382	WASHINGTON UNIVERSITY STRUCTURE AND FUNCTION OF IA ANTIGENS IN MUTANT STRAINS	03
HARD, RICHARD C, JR	R01 AI 20208-02	124,257	VIRGINIA COMMONWEALTH UNIVERSITY PATHOLOGY AND PATHOGENESIS OF T-CELL LOSS IN HVG DISEASE	03
HOOD, LEROY E	R01 AI 19624-03	169,283	CALIFORNIA INSTITUTE OF TECHNOLOGY TRANSPLANTATION ANTIGENS - EXPRESSION AND FUNCTION	03
HOOD, LEROY E	R01 AI 20317-03	193,932	CALIFORNIA INSTITUTE OF TECHNOLOGY CLASS II GENES-STRUCTURE, ORGANIZATION, EXPRESSION	03
HURLEY, CAROLYN K	R23 AI 21576-02	56,855	GEORGETOWN UNIVERSITY IMMUNOCHEMISTRY OF HLA-CONTROLLED SB ANTIGENS	03
KAHAN, BARRY D	R01 AI 22664-01	201,850	UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON A CLINICAL MODEL OF DONOR-SPECIFIC UNRESPONSIVENESS	01
KAPP-PIERCE, JUDITH A	R01 AI 13987-09	174,161	JEWISH HOSPITAL OF ST. LOUIS MODE OF ACTION OF H-LINKED IMMUNE RESPONSE (IR) GENES	03

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			TRANSPLANTATION AND HISTOCOMPATIBILITY TESTING	
KLEIN, JAN	R01 AI 14736-08	74,411	MAX PLANCK INSTITUTE FOR BIOLOGY POLYMORPHISM OF THE MAJOR HISTOCOMPATIBILITY COMPLEX	03
MAKI, RICHARD A	R01 AI 20194-02	194,225	LA JOLLA CANCER RESEARCH FOUNDATION STRUCTURE AND FUNCTION OF THE I REGION GENES	03
MARTINKO, JOHN M	R01 AI 21738-01	98,041	SOUTHERN ILLINOIS UNIVERSITY CARBONDALE STRUCTURE OF MURINE H-2 CLASS I MUTATIONS	03
MATSUNAGA, TAKESHI	R01 AI 22075-01	70,467	CITY OF HOPE NATIONAL MEDICAL CENTER STUDY OF MHC MOLECULES IN TRANSGENIC MODEL	03
MC DEVITT, HUGH O	R01 AI 07757-19	395,689	STANFORD UNIVERSITY GENETIC CONTROL OF THE IMMUNE RESPONSE	03
MC DEVITT, HUGH O	R13 AI 22202-01	10,000	STANFORD UNIVERSITY FOURTH HLA AND H-2 CLONING WORKSHOP	03
MELVOLD, ROGER W	R01 AI 16919-07	201,109	NORTHWESTERN UNIVERSITY PRODUCTION AND ANALYSIS OF HISTOCOMPATIBILITY MUTANTS	03
MILLER, MARCIA M	R01 AI 21736-01	108,631	CITY OF HOPE NATIONAL MEDICAL CENTER IMMUNOBIOLOGY OF THE MAJOR HISTOCOMPATIBILITY COMPLEX	03
MONACO, ANTHONY P	R01 AI 14551-09	399,583	NEW ENGLAND DEACONESS HOSPITAL EXPERIMENTAL AND CLINICAL ALLOGRAFT UNRESPONSIVENESS	03
NATHENSON, STANLEY G	R01 AI 07289-20	363,689	YESHIVA UNIVERSITY BIOCHEMICAL STUDIES ON HISTOCOMPATIBILITY ANTIGENS	03
NORTH, ROBERT J	R13 AI 22432-01	2,500	TRUDEAU INSTITUTE, INC. CONFERENCE ON MECHANISMS OF HOST RESISTANCE	03
ORR, HARRY T	R01 AI 18124-05	149,253	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL MOLECULAR BIOLOGICAL STUDIES ON THE HLA SYSTEM	03
PARCE, JOHN W	R01 AI 20778-02	105,308	WAKE FOREST UNIVERSITY ANALYSIS OF VIRAL AND H-2 ANTIGEN INTERACTIONS	03
PARHAM, PETER	R01 AI 17892-05	120,366	STANFORD UNIVERSITY STRUCTURAL BIOLOGY OF HLA-A,B ANTIGENS	03

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			TRANSPLANTATION AND HISTOCOMPATIBILITY TESTING	
PARHAM, PETER	R01 AI 22039-01	155,185	STANFORD UNIVERSITY INTERACTIONS BETWEEN HLA-A,B & ANTIGEN RECEPTORS OF CTL	03
PARNES, JANE R	R01 AI 19926-03	129,084	STANFORD UNIVERSITY EXPRESSION OF B2 MICROGLOBULIN GENE	03
PASSMORE, HOWARD C	R01 AI 14424-08	157,171	RUTGERS THE STATE UNIV NEW BRUNSWICK RECOMBINATION ANALYSIS OF THE H-2 COMPLEX	03
PEASE, LARRY R	R01 AI 22420-01	134,744	MAYO FOUNDATION DIVERSITY IN H-2 HAPLOTYPES	03
PIOUS, DONALD A	R01 AI 16689-06	177,663	UNIVERSITY OF WASHINGTON GENETIC REGULATION OF LYMPHOID DIFFERENTIATION ANTIGENS	02
RAPAPORT, FELIX T	R01 AI 14453-08	320,785	STATE UNIVERSITY NEW YORK STONY BROOK INDUCTION OF UNRESPONSIVENESS TO ALLOGRAFTS	03
REISFELD, RALPH A	R01 AI 10180-15	291,196	SCRIPPS CLINIC AND RESEARCH FOUNDATION MOLECULAR APPROACHES TO CELL SURFACE ANTIGENS	03
RICH, ROBERT R	R01 AI 18882-03	107,372	BAYLOR COLLEGE OF MEDICINE T CELL RESPONSES TO NON-H-2 ANTIGENS OF CHROMOSOME 17	03
RICH, SUSAN S	R01 AI 13810-09	130,438	BAYLOR COLLEGE OF MEDICINE REGULATION OF CELL-MEDIATED IMMUNITY TO MHC ANTIGENS	02
SCHWARTZ, BENJAMIN D	R01 AI 18925-04	141,174	WASHINGTON UNIVERSITY COMPARATIVE MOLECULAR STUDIES ON HLA ANTIGENS	03
SEIDMAN, JONATHAN G	R01 AI 18436-04	164,026	HARVARD UNIVERSITY THE MOLECULAR ORGANIZATION OF THE MURINE I-A GENES	03
SEIDMAN, JONATHAN G	R01 AI 18437-04	210,486	HARVARD UNIVERSITY ANALYSIS OF THE BETA-2 MICROGLOBULIN GENE	03
SEIDMAN, JONATHAN G	R01 AI 19148-04	277,191	HARVARD UNIVERSITY THE MOLECULAR BASIS OF H-2 POLYMORPHISM	03
SELL, STEWART	R01 AI 21721-01	95,403	UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON IMMUNOLOGIC AND TOXICOLOGIC PROPERTIES OF CYCLOSPORINE	03

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			TRANSPLANTATION AND HISTOCOMPATIBILITY TESTING	
SHERMAN, LINDA A	R01 AI 20026-03	114,941	SCRIPPS CLINIC AND RESEARCH FOUNDATION GENETIC DETERMINATION OF THE CTL RECEPTOR REPERTOIRE	03
SHREFFLER, DONALD C	R01 AI 12734-10	301,604	WASHINGTON UNIVERSITY ORGANIZATION AND FUNCTIONS OF THE H-2 GENE COMPLEX	03
SILVER, JACK	R01 AI 22005-02	183,039	HOSPITAL FOR JOINT DISEASES ORTHO INST GENETIC AND STRUCTURAL ORGANIZATION OF HUMAN IA	03
SIMMONS, RICHARD L	R01 AI 16869-06	186,394	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL EFFECTORS IN THE ALLOGRAFT RESPONSE	03
STASTNY, PETER	R01 AI 21278-02	191,927	UNIVERSITY OF TEXAS HLTH SCI CTR DALLAS HLA-D REGION AND FUNCTION OF HUMAN T CELLS	03
STEINMULLER, DAVID	R01 AI 21208-02	178,212	TRANSPLANTATION SOCIETY OF MICHIGAN SKIN-SPECIFIC ALLOANTIGENS	03
STIMPFLING, JACK H	R01 AI 06525-21	191,206	COLUMBUS HOSPITAL (GREAT FALLS, MT) HISTOCOMPATIBILITY ANTIGENS	03
STROMINGER, JACK L	R01 AI 10736-11	347,780	HARVARD UNIVERSITY STRUCTURAL STUDIES OF HLA DETERMINANTS	03
TANIGAKI, NOBUYUKI	R01 AI 20251-03	115,563	ROSWELL PARK MEMORIAL INSTITUTE THE MULTIPLE LOCI CONTROL OF HUMAN IA ALLOANTIGENS	03
THOMAS, JUDITH M	R01 AI 22293-01	155,554	EAST CAROLINA UNIVERSITY A PRECLINICAL PRIMATE MODEL OF ALLOGRAFT TOLERANCE	03
TILNEY, NICHOLAS L	R01 AI 19071-12	236,553	HARVARD UNIVERSITY HOST RESPONSES IN ALLOGRAFT REJECTION AND SURVIVAL	03
TRUITT, ROBERT L	R01 AI 22312-02	195,383	MEDICAL COLLEGE OF WISCONSIN IMMUNOREGULATORY T CELLS IN TRANSPLATATION TOLERANCE	03
WACHTEL, STEPHEN S	R01 AI 23479-01	135,952	CENTER FOR REPRODUCTIVE BIOLOGY IMMUNOGENETICS OF SEX DETERMINATION	03
WAKELAND, EDWARD K	R01 AI 17966-05	140,506	UNIVERSITY OF FLORIDA STRUCTURAL AND FUNCTIONAL STUDIES OF I REGION VARIANTS	03

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			TRANSPLANTATION AND HISTOCOMPATIBILITY TESTING	
WALFORD, ROY L	R01 AI 10088-13	172,246	UNIVERSITY OF CALIFORNIA LOS ANGELES TRANSPLANTATION IMMUNOGENETICS AND HUMAN DISEASE	03
WALKER, LESLIE E	R01 AI 21409-02	236,355	SCRIPPS CLINIC AND RESEARCH FOUNDATION DELINEATION OF IMMUNE RECOGNITION OF HUMAN IA	03
WEINBERGER, OFRA	R23 AI 21022-02	59,645	DANA-FARBER CANCER INSTITUTE ANALYSIS OF IA MOLECULES IN THE IMMUNOREGULATION OF CTL	03
WETTSTEIN, PETER J	R01 AI 16052-07	182,706	WISTAR INSTITUTE OF ANATOMY AND BIOLOGY FUNCTIONAL INTERACTIONS OF I AND H-2K/D IR GENES	03
WETTSTEIN, PETER J	R01 AI 18972-18	137,571	WISTAR INSTITUTE OF ANATOMY AND BIOLOGY ANALYSIS OF MHC-ENCODED CELL SURFACE ALLOANTIGENS	03
WILEY, DON C	R01 AI 17237-06	112,782	HARVARD UNIVERSITY HUMAN HISTOCOMPATIBILITY ANTIGEN STRUCTURE	03
WILLIAMS, G MELVILLE	P01 AI 19373-04	480,672	JOHNS HOPKINS UNIVERSITY REGULATION OF THE HUMAN RENAL ALLOGRAFT RESPONSE	03
WINCHESTER, ROBERT J	R01 AI 19411-04	255,459	HOSPITAL FOR JOINT DISEASES ORTHO INST B CELL ALLOANTIGENS, MOLECULAR BASIS AND DISEASE ASPECTS	03
WYLIE, DWANE E	R01 AI 19803-03	64,487	UNIVERSITY OF NEBRASKA LINCOLN MHC-DEPENDENT ANTIBODY RECOGNITION OF SURFACE ANTIGENS	02
YUNIS, EDMOND J	R01 AI 17120-05	108,186	DANA-FARBER CANCER INSTITUTE HUMAN TL (HTL) REGION IN THE HLA LINKAGE GROUP	03
	99	16,351,081		
AMOS, DENNIS B	K06 AI 18399-24	32,293	DUKE UNIVERSITY FUNDAMENTALS OF THE MECHANISMS OF HOMOGRAFT IMMUNITY	03
FERRARA, JAMES L	K11 AI 00653-01	62,783	DANA-FARBER CANCER INSTITUTE MURINE MODELS OF BONE MAROW TRANSPLATATION	03
MELLINS, ELIZABETH D	K11 AI 00627-02	57,456	UNIVERSITY OF WASHINGTON CLASS II ANTIGENS--STRUCTURE AND FUNCTION	03

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INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			TRANSPLANTATION AND HISTOCOMPATIBILITY TESTING	
THOMAS, E DONNALL	K06 AI 02425-22	32,400	UNIVERSITY OF WASHINGTON TRANSPLANTATION OF MARROW AND MARROW METABOLISM	03
	4	184,932		

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RESEARCH GRANTS & CAREER PROGRAMS

TOTAL 10 AWARDS FUNDED -- $1,082,012 *PLUS 1 GRANT ACTIVE; NO 1985 FUNDS

SCIENTIFIC EVALUATION AWARDS AND OTHER AWARDS PAID BY NIAID

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
		NIAID SCIENTIFIC EVALUATION AWARDS		
DOUGLAS, R GORDON, JR	U09 AI 22198-01	0*	U.S. PHS PUBLIC ADVISORY GROUPS MICROBIOLOGY AND INFECTIOUS DISEASES RESEARCH COMMITTEE	75
RUDDY, SHAUN	U09 AI 23260-01	80,000	U S PHS PUBLIC ADVISORY GROUPS ALLERGY IMMUNOLOGY & TRANSPLATAION RESEARCH COMMITTEE	09
	2	80,000		
		OTHER SCIENTIFIC EVALUATION AWARDS PAID BY NIAID		
CASKEY, CHARLES T	R09 RG 00009-04	100,000	U.S. PHS PUBLIC ADVISORY GROUPS MAMMALIAN GENETICS STUDY SECTION	09
HARRIS, JOHN W	R09 RG 10773-13	150,000	U.S. PHS PUBLIC ADVISORY GROUPS HEMATOLOGY STUDY SECTION	09
KELSEY, JENNIFER L	U09 RG 12865-12	130,000	U.S. PHS PUBLIC ADVISORY GROUPS EPIDEMIOLOGY AND DISEASE CONTROL STUDY SECTION	11
MANDY, WILLIAM J	R09 RG 00015-03	53,000	U.S. PHS PUBLIC ADVISORY GROUPS CLINICAL SCIENCES STUDY SECTION	11
PALAY, SANFORD L	U09 RG 00014-03	50,000	U.S. PHS PUBLIC ADVISORY GROUPS BEHAVIORAL AND NEUROSCIENCES STUDY SECTION	11
TRAYLOR, TEDDY G	R09 RG 10771-11	100,000	U.S. PHS PUBLIC ADVISORY GROUPS METALLOBIOCHEMISTRY STUDY SECTION	11
	6	583,000		
		OTHER AWARDS PAID BY NIAID		
FOWLKS, EDISON R	S06 RR 08050-14	49,959	BISHOP COLLEGE INTERDISCIPLINARY RESEARCH IN MOLECULAR BIOLOGY	11
HARDESTY, BOYD A	R13 GM 34184-01	2,000	UNIVERSITY OF TEXAS AUSTIN CONFERENCE ON THE STRUCTURE AND FUNCTION OF RIBOSOMES	33

(*) = ACTIVE; NO FY 1985 FUNDS

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RESEARCH GRANTS & CAREER PROGRAMS

SCIENTIFIC EVALUATION AWARDS AND OTHER AWARDS PAID BY NIAID

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			OTHER AWARDS PAID BY NIAID	
HILLYER, GEORGE V	S11 RR 02657-01	31,686	UNIVERSITY OF PUERTO RICO PARASITIC DISEASES RESEARCH (PDR) PROGRAM OF PUERTO RICO	11
KUEHN, GLENN D	S06 RR 08136-12	31,571	NEW MEXICO STATE UNIVERSITY LAS CRUCES BIOMEDICAL RESEARCH FOR ETHNIC MINORITY STUDENTS	11
LEVINE, MYRON	R13 CA 40850-01	1,000	UNIVERSITY OF MICHIGAN AT ANN ARBOR TENTH INTERNATIONAL HERPESVIRUS WORKSHOP	32
LODISH, HARVEY F	R13 AM 35915-01	2,000	GORDON RESEARCH CONFERENCES GORDON CONFERENCE ON THE RED CELL	40
RODRIGUEZ, PAUL H	S06 RR 08194-06	67,004	UNIVERSITY OF TEXAS SAN ANTONIO MINORITIES IN RESEARCH AND SCIENCE ACHIEVEMENT	11
SHAW, FREDERICK C	S06 RR 08225-01	26,027	HERBERT H. LEHMAN COLLEGE MINORITY BIOMEDICAL RESEARCH SUPPORT AT LEHMAN COLLEGE	11
SINGH, SHIVA P	S06 RR 08219-02	57,419	ALABAMA STATE UNIVERSITY BIOMEDICAL RESEARCH PROJECTS	11
SRINIVASAN, ASOKA	S06 RR 08110-14	56,447	TOUGALOO COLLEGE BIOMEDICAL RESEARCH PROGRAM	11
TRACEY, MARTIN L JR	S06 RR 08205-01A3	32,525	FLORIDA INTERNATIONAL UNIVERSITY F.I.U. MINORITY BIOMEDICAL RESEARCH PROGRAM	11
VARGAS, FERNANDO F	S06 RR 08224-01	61,374	UNIVERSITY OF PUERTO RICO MED SCIENCES UPR MEDICAL SCIENCES CAMPUS MBRS PROGRAM	11
	12	419,012		

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(*) = ACTIVE; NO FY 1985 FUNDS

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TOTAL TRAINING GRANTS AND FELLOWSHIP PROGRAMS

(BY RESEARCH AREAS)

TRAINING GRANTS

72 AWARDS FUNDED	$9,537,976
3 GRANTS ACTIVE	NO FY 1985 FUNDS

FELLOWSHIP AWARDS

75 AWARDS FUNDED	$1,848,709
5 GRAANTS ACTIVE	NO FY 1985 FUNDS

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TRAINING GRANTS & FELLOWSHIP PROGRAMS

TOTAL 39 GRANTS FUNDED -- $3,129,868 *PLUS 1 GRANT ACTIVE; NO 1985 FUNDS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ANTIBIOTIC ACTION, STRUCTURE, AND SYNTHESIS	
HANSON, ROBERT M	F32 AI 07004-02	20,004	MASSACHUSETTS INSTITUTE OF TECHNOLOGY HETERO-ATOM-ASSISTED OSMIUM VIII OXIDATION OF OLEFINS	41
	1	20,004		
			MICROBIAL BIOCHEMISTRY, PHYSIOLOGY AND GENETICS	
CONRADSON, STEVEN D	F32 AI 06934-02	20,004	HARVARD UNIVERSITY BIOLOGICALLY RELEVANT SYNTHESES OF (MO-) FE-S CLUSTERS	41
DEAL, CAROLYN D	F32 AI 06842-03	24,996	SCRIPPS CLINIC AND RESEARCH FOUNDATION GENE REGULATION OF EXPRESSION OF N GONORRHEA PILI	41
FIELDS, PATRICIA I	F32 AI 07235-01	24,996 *	SCRIPPS CLINIC AND RESEARCH FOUNDATION GENETIC ANALYSIS OF AN INTRACELLULAR PATHOGEN	41
KAPLAN, JEFFREY B	F32 AI 07281-01	18,996 *	YESHIVA UNIVERSITY REGULATION OF DIFFERENTIATION IN CAULOBACTER	41
O'HALLORAN, THOMAS V	F32 AI 07256-01	18,996	MASSACHUSETTS INSTITUTE OF TECHNOLOGY REGULATION OF GENE EXPRESSION BY METAL-PROTEIN COMPLEXES	41
STIBITZ, EARLE S	F32 AI 06939-02	20,004	STANFORD UNIVERSITY IMMUNOGLOBULIN A PROTEASES OF BACTERIAL PATHOGENS	41
TAYLOR, RONALD K	F32 AI 06993-02	20,004	HARVARD UNIVERSITY GENETICS OF CHOLERA TOXIN REGULATION AND SECRETION	41
	7	147,996		
			INFECTIOUS DISEASES	
BROOKS, GEORGE F	T32 AI 07234-03	87,815	UNIVERSITY OF CALIFORNIA SAN FRANCISCO STD TRAINING PROGRAM	30
CLYDE, WALLACE A, JR	T32 AI 07151-08	115,682	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL INFECTIOUS DISEASE PATHOGENESIS TRAINING	30

(*) = ACTIVE; NO FY 1985 FUNDS

TRAINING GRANTS & FELLOWSHIP PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			INFECTIOUS DISEASES	
EISENSTEIN, BARRY I	T32 AI 07271-02	133,529	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT MOLECULAR MECHANISMS OF MICROBIAL PATHOGENICITY	30
KIEFF, ELLIOTT D	T32 AI 07099-09	202,539	UNIVERSITY OF CHICAGO INFECTIOUS DISEASES	30
KLEBANOFF, SEYMOUR J	T32 AI 07044-10	247,482	UNIVERSITY OF WASHINGTON HOST DEFENSE IN ALLERGY AND INFECTIOUS DISEASE	30
MANDELL, GERALD L	T32 AI 07046-09	171,072	UNIVERSITY OF VIRGINIA CHARLOTTESVILLE INFECTIOUS DISEASE	30
OXMAN, MICHAEL	T32 AI 07036-09	187,743	UNIVERSITY OF CALIFORNIA SAN DIEGO RESEARCH IN INFECTIOUS DISEASES	30
QUIE, PAUL G	T32 AI 07054-09	123,528	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL INFECTIOUS DISEASES IN PEDIATRICS	30
SPARLING, PHILIP F	T32 AI 07001-10	88,636	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL NORTH CAROLINA STD TRAINING PROGRAM	30
STAMM, WALTER E	T32 AI 07140-08	134,918	UNIVERSITY OF WASHINGTON SEXUALLY TRANSMITTED DISEASE RESEARCH TRAINING PROGRAM	30
	10	1,492,944		
			INFECTIOUS & IMMUNOLOGIC DISEASES	
SPITZNAGEL, JOHN K	T32 AI 07265-02	107,481	EMORY UNIVERSITY RESEARCH AND TRAINING IN INFECTION AND IMMUNITY	30
	1	107,481		
			BASIC INFECTIOUS DISEASE PROBLEMS (MICROBIOLOGY)	
BEACHEY, EDWIN H	T32 AI 07238-04	154,271	UNIVERSITY OF TENN CENTER HEALTH SCIEN INFECTIOUS DISEASES, MICROBIOLOGY, AND IMMUNOLOGY	30
BROWN, ARTHUR	T32 AI 07123-07	116,731	UNIVERSITY OF TENNESSEE KNOXVILLE MICROBIOLOGY: HOST-MICROBE INTERACTIONS	30

(*) = ACTIVE; NO FY 1985 FUNDS

TRAINING GRANTS & FELLOWSHIP PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
BASIC INFECTIOUS DISEASE PROBLEMS (MICROBIOLOGY)				
KNAPP, GAYLE	T32 AI 07041-08	137,604	UNIVERSITY OF ALABAMA AT BIRMINGHAM INFECTIOUS DISEASES AND BASIC MICROBIOLOGY TRAINING	41
MEDOFF, GERALD	T32 AI 07172-06	122,048	WASHINGTON UNIVERSITY INFECTIOUS DISEASE/BASIC MICROBIOLOGICAL MECHANISMS	30
SHOCKMAN, GERALD D	T32 AI 07101-08	100,289	TEMPLE UNIVERSITY TRAINING PROGRAMS IN MICROBIOLOGY AND IMMUNOLOGY	41
VILCEK, JAN T	T32 AI 07180-06A1	259,886	NEW YORK UNIVERSITY INFECTIOUS DISEASES AND BASIC MICROBIOLOGICAL MECHANISMS	41
	6	890,829		
MYCOLOGY				
DIAMOND, RICHARD D	T32 AI 07289-01	70,551	BOSTON UNIVERSITY RESEARCH TRAINING IN MEDICAL MYCOLOGY	31
DOMER, JUDITH E	T32 AI 07152-08	35,328	TULANE UNIVERSITY OF LOUISIANA MYCOTIC DISEASES AND BASIC MECHANISMS	31
KOBAYASHI, GEORGE S	T32 AI 07015-10	101,573	WASHINGTON UNIVERSITY TRAINING PROGRAM IN FUNGAL DISEASES (POSTDOCTORAL)	31
	3	207,452		
GRAM NEGATIVE AEROBIC RODS				
HERWALDT, LOREEN A	F32 AI 07341-01	33,000 *	WASHINGTON UNIVERSITY BORDETELLA PERTUSSIS TRACHEAL CYTOTOXIN	54
MIGLIORI, RICHARD J	F32 AI 07143-01	27,000	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL GRAM NEGATIVE SURGICAL SHOCK:IMMUNOPROPHYLAXIS & THERAPY	30
SMITH, JEAN A	F32 AI 07298-01	30,996	UNIVERSITY OF TEXAS HLTH SCI CTR SAN ANT L PNEUMOPHILA ANTIGENS: INTRA- AND INTER-SPECIES HOMOLO	30
	3	90,996		

(*) = ACTIVE; NO FY 1985 FUNDS

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TRAINING GRANTS & FELLOWSHIP PROGRAMS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			GRAM NEGATIVE FACULTATIVE RODS	
HERRINGTON, DEIRDRE A	F32 AI 07005-02	11,000	UNIVERSITY OF MARYLAND AT BALTIMORE MECHANISMS OF IRON ACQUISITION IN H INFLUENZAE	54
	1	11,000		
			GRAM NEGATIVE COCCI (NEISSERIACEAE)	
UPDIKE, WANDA S	F32 AI 07309-01	26,004 #	UNIVERSITY OF UTAH MOLECULAR MECHANISMS OF GONOCOCCAL PATHOGENICITY	30
	1	26,004		
			STAPHYLOCOCCI	
PARSONNET, JEFFREY	F32 AI 07197-01	0*	HARVARD UNIVERSITY CELLULAR IMMUNITY BY STAPHYLOCOCCAL EXOTOXINS	30
	1	0		
			STREPTOCOCCI	
SULLAM, PAUL M	F32 AI 07095-01A1	33,000 #	UNIVERSITY OF CALIFORNIA SAN FRANCISCO ROLE OF STREPTOCOCCAL EXOPOLYSACCHARIDES IN ENDOCARDITIS	30
	1	33,000		
			RICKETTSIA	
AUSTIN, FAYE E	F32 AI 07031-01A1	18,996	UNIVERSITY OF SOUTH ALABAMA IN SITU METABOLISM OF RICKETTSIA PROWAZEKII	54
	1	18,996		
			CHLAMYDIA	
BAVOIL, PATRICK M	F32 AI 07204-02	26,004	STANFORD UNIVERSITY CLONING AND EXPRESSION OF CHLAMYDIAL ANTIGENS IN E COLI	30
	1	26,004		

(*) = ACTIVE; NO FY 1985 FUNDS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ASPERGILLUS	
LEVITZ, STUART M	F32 AI 07105-02	5,166	BOSTON UNIVERSITY HOST DEFENSE MECHANISMS AGAINST OPPORTUNISTIC MYCOSES	31
	1	5,166		
			PLASMIDS	
SHARON, JACQUELINE	F32 AI 06651-03	24,996	HARVARD UNIVERSITY EXPRESSION OF AN ANTIBODY LIGHT CHAIN	41
	1	24,996		
			BASIC MICROBIOLOGY, OTHER	
ANDREONE, PETER A	F32 AI 07136-02	27,000	UNIVERSITY OF MINNESOTA OF MNPLS-ST PAUL SURGICAL INFECTION: PATHOGENESIS OF PERITONITIS	30
	1	27,000		

TRAINING GRANTS & FELLOWSHIP PROGRAMS

TOTAL 23 GRANTS FUNDED - $2,275,508 *PLUS 1 GRANT ACTIVE; NO 1985 FUNDS

VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			INFECTIOUS DISEASES	
GINSBERG, HAROLD S	T32 AI 07161-08	155,381	COLUMBIA UNIVERSITY NEW YORK TRAINING PROGRAM IN MICROBIOLOGY FOR INFECTIOUS DISEASES	32
JOKLIK, WOLFGANG K	T32 AI 07148-08	121,484	DUKE UNIVERSITY BASIC MECHANISMS IN INFECTIOUS DISEASES	32
MERIGAN, THOMAS C	T32 AI 07089-07	122,528	STANFORD UNIVERSITY INFECTIOUS DISEASES TRAINING - MICROBES, DRUGS AND HOST	55
MILLER, I GEORGE, JR	T32 AI 07210-05	0*	YALE UNIVERSITY INFECTIOUS DISEASES	32
STEIGBIGEL, NEAL H	T32 AI 07183-07	251,993	YESHIVA UNIVERSITY INFECTIOUS DISEASES MICROBIOLOGY AND IMMUNOLOGY	32
VOGT, PETER K	T32 AI 07078-08	121,999	UNIVERSITY OF SOUTHERN CALIFORNIA VIROLOGY AND IMMUNOLOGY: MECHANISMS BASIC TO DISEASE	32
	6	773,385		
			INFECTIOUS & IMMUNOLOGIC DISEASES	
FLANEGAN, JAMES B	T32 AI 07110-08	128,089	UNIVERSITY OF FLORIDA BASIC MICROBIOLOGY AND INFECTIOUS DISEASES	32
	1	128,089		
			VIROLOGY	
CHOPPIN, PURNELL W	T32 AI 07233-10	227,773	ROCKEFELLER UNIVERSITY MECHANISMS IN VIRUS INFECTION AND TRANSFORMATION	32
COMPANS, RICHARD W	T32 AI 07150-08	103,418	UNIVERSITY OF ALABAMA AT BIRMINGHAM BASIC MECHANISMS IN VIROLOGY	32
EWNIS, FRANCIS A	T32 AI 07272-02	89,972	UNIVERSITY OF MASSACHUSETTS MEDICAL SCH VIRUS INFECTIONS: PATHOGENESIS AND HOST DEFENSES	32

(*) = ACTIVE; NO FY 1985 FUNDS

TRAINING GRANTS & FELLOWSHIP PROGRAMS

VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			VIROLOGY	
FIELDS, BERNARD N	T32 AI 07061-10	243,752	HARVARD UNIVERSITY INFECTIOUS DISEASE AND BASIC MICROBIOLOGICAL MECHANISMS	32
PLOTKIN, STANLEY A	T32 AI 07278-02	127,097	CHILDREN'S HOSPITAL OF PHILADELPHIA VIROLOGY AND INFECTIOUS DISEASES	32
ROBERTS, BRYAN E	T32 AI 07245-03	148,575	HARVARD UNIVERSITY MOLECULAR BASIS OF VIRAL INFECTIVITY	32
SPEAR, PATRICIA	T32 AI 07182-07	183,856	UNIVERSITY OF CHICAGO INTERDEPARTMENTAL TRAINING PROGRAM IN VIROLOGY	32
	7	1,124,443		
			PARAMYXOVIRUSES	
BURNS, JANE C	F32 AI 07202-01	33,000	CHILDREN'S HOSPITAL (BOSTON) ANTIBODY RESPONSE TO RESPIRATORY SYNCYTIAL VIRUS	51
	1	33,000		
			PICORNAVIRUSES	
ARNOLD, EDWARD V	F32 AI 07193-01	26,004 *	PURDUE UNIVERSITY WEST LAFAYETTE THREE-DIMENSIONAL STRUCTURE OF A HUMAN COMMON COLD VIRUS	32
LLOYD, RICHARD E, JR	F32 AI 07085-02	24,996	UNIVERSITY OF UTAH POLIOVIRUS INDUCED CAP RECOGNITION INACTIVATOR	32
PINCUS, STEVEN E	F32 AI 06920-03	15,831	STATE UNIVERSITY NEW YORK STONY BROOK MAPPING OF POLIOVIRUS MUTANTS	32
	3	66,831		

(*) = ACTIVE; NO FY 1985 FUNDS

TRAINING GRANTS & FELLOWSHIP PROGRAMS

VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
	BUNYAVIRUSES (RIFT VALLEY FEVER VIRUS, CALIFORNIA COMPLEX, GROUP C ARBOVIRUS			
HAWLEY, WILLIAM A	F32 AI 07220-01	19,752	UNIVERSITY OF NOTRE DAME FACTORS AFFECTING TRANSMISSION OF LAC VIRUS	32
	1	19,752		
	ADENOVIRUSES			
JOHNSTON, JEFFREY M	F32 AI 07320-01	33,000	UNIVERSITY OF UTAH REGULATION OF ADENOVIRUS GENE EXPRESSION IN MONKEY CELLS	32
STEIN, ROLAND W	F32 AI 06954-03	26,004	NEW YORK UNIVERSITY REGULATION OF EARLY ADENOVIRAL-2 GENE TRANSCRIPTION	32
	2	59,004		
	HERPESVIRUSES			
ANDERS, DAVID G	F32 AI 07293-01	24,996	JOHNS HOPKINS UNIVERSITY ISOLATION AND MAPPING OF A CMV DNA-BINDING PROTEIN GENE	32
DE LUCA, NEAL A	F32 AI 06790-02	26,004	DANA-FARBER CANCER INSTITUTE FUNCTIONAL ANALYSIS OF THE HSV-1 PROTEIN ICP4	32
FULLER, ALMYRA O	F32 AI 06811-02	20,004	UNIVERSITY OF CHICAGO HSV-1 GLYCOPROTEINS RESPONSIBLE FOR VIRUS BINDING	32
	3	71,004		

(*) = ACTIVE; NO FY 1985 FUNDS

TRAINING GRANTS & FELLOWSHIP PROGRAMS

TOTAL 19 GRANTS FUNDED -- $822,142 *PLUS 3 GRANTS ACTIVE; NO 1985 FUNDS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			PARASITOLOGY	
HILL, GEORGE C	T32 AI 07281-01	87,280	MEHARRY MEDICAL COLLEGE MOLECULAR BIOLOGY STUDIES ON TROPICAL DISEASES	40
HONIGBERG, BRONISLAW M	T32 AI 07109-09	85,919	UNIVERSITY OF MASSACHUSETTS AMHERST EXPERIMENTAL PARASITOLOGY	40
MAHMOUD, ADEL A	T32 AI 07024-08	78,681	CASE WESTERN RESERVE UNIVERSITY TRAINING IN GEOGRAPHIC MEDICINE & INFECTIOUS DISEASE	40
PATTON, CURTIS L	T32 AI 07136-08	54,653	YALE UNIVERSITY PARASITOLOGY--INTERDISCIPLINARY	40
SCOTT, ALAN L	T32 AI 07057-06	0*	JOHNS HOPKINS UNIVERSITY PARASITIC INFECTIONS (IMMUNOLOGY, BIOCHEMISTRY)	40
WEINSTEIN, PAUL P	T32 AI 07030-10	142,705	UNIVERSITY OF NOTRE DAME EXPERIMENTAL PARASITOLOGY AND VECTOR BIOLOGY	40
WILLIAMS, JEFFREY F	T32 AI 07203-07	62,920	MICHIGAN STATE UNIVERSITY EXPERIMENTAL PARASITOLOGY	40
	7	512,158		
			GIARDIA	
BLAIR, RALPH J	F32 AI 07312-01	29,004	BETH ISRAEL HOSP (BOSTON) PATHOGENETIC MECHANISMS OF GIARDIA LAMBLIA	40
	1	29,004		
			TOXOPLASMA	
HOFFLIN, JESSE M	F32 AI 07216-01	0*	PALO ALTO MEDICAL FOUNDATION RES INST TOXOPLASMIC ENCEPHALITIS IN THE IMMUNOSUPPRESSED HOST	40
	1	0		

(*) = ACTIVE; NO FY 1985 FUNDS

TRAINING GRANTS & FELLOWSHIP PROGRAMS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			PLASMODIA	
MILLER, SAMUEL I	F32 AI 07179-02	29,004	HARVARD UNIVERSITY TRANSMISSION BLOCKING IMMUNITY IN MALARIA	40
	1	29,004		
			LEISHMANIA	
COMEAU, ANNE M	F32 AI 07243-01	18,996	HARVARD UNIVERSITY A GENETIC APPROACH TO THE STUDY OF LEISHMANIA	40
	1	18,996		
			TRYPANOSOMES	
CULLY, DORIS F	F32 AI 07092-02	20,004	ROCKEFELLER UNIVERSITY GENE TRANSCRIPTION IN TRYPANOSOMA BRUCEI	40
FOX, JUDITH A	F32 AI 07185-02	20,004	ROCKEFELLER UNIVERSITY MFVSG-SVSG CONVERSION ENZYME FROM T BRUCEI	40
HAIDARIS, CONSTANTINE D	F32 AI 04837-03	24,996	SCRIPPS CLINIC AND RESEARCH FOUNDATION GENETIC ANALYSIS OF DEVELOPMENTAL FORMS OF TRYPANOSOMA	40
JASMER, DOUGLAS P	F32 AI 07130-02	24,996	ISSAQUAH HEALTH RESEARCH INSTITUTE REGULATION OF GENE EXPRESSION IN TRYPANOSOMA BRUCEI	40
KELLY, GREGORY	F32 AI 06935-03	24,996	UNIVERSITY OF IOWA VSG GENE EXPRESSION IN METACYCLIC TRYPANOSOMES	40
PERRY, KAREN L	F32 AI 07242-01	18,996	UNIVERSITY OF CALIFORNIA BERKELEY CHARACTERIZATION OF GLYCOLYTIC ENZYME GENES OF T BRUCEI	40
SHALALA, KAREN A	F32 AI 07343-01	18,996	SCRIPPS CLINIC AND RESEARCH FOUNDATION GENETICS OF COMPLEMENT MEDIATED LYSIS OF TRYPANOSOMA	40
SWINDLE, JOHN T	F32 AI 06965-03	24,996	FRED HUTCHINSON CANCER RESEARCH CENTER DNA TRANSFORMATION IN PARASITIC PROPOZA	40

(*) = ACTIVE; NO FY 1985 FUNDS

TRAINING GRANTS & FELLOWSHIP PROGRAMS
ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			TRYPANOSOMES	
WHITE, THEODORE C	F32 AI 07184-01	3,000	NETHERLANDS CANCER INSTITUTE STRUCTURE AND FUNCTION OF TELOMERES IN TRYPANOSOMES	40
	9	180,984		
			SCHISTOSOMES	
SPOTILA, LORETTA D	F32 AI 07161-01A1	18,996 #	STATE UNIVERSITY OF NEW YORK AT BUFFALO SCHISTOSOMA MANSONI: IDENTIFICATION OF FEMALE GENES	40
	1	18,996		
			FILARIAE	
LONGWORTH, DAVID L	F32 AI 07040-02	33,000	BETH ISRAEL HOSP (BOSTON) ARACHIDONIC ACID METABOLISM IN HELMINTHIC PARASITES	40
	1	33,000		
			INSECTS, OTHER (DROSOPHILA)	
PADDY, MICHAEL R	F32 AI 07091-01	0*	UNIVERSITY OF CALIFORNIA SAN FRANCISCO NUCLEAR ENVELOPE-CHROMOSOME CONTACT SITE ANTIGENS	03
	1	0		

(*) = ACTIVE; NO FY 1985 FUNDS

TRAINING GRANTS & FELLOWSHIP PROGRAMS

TOTAL 58 AWARDS FUNDED -- $4,977,059 *PLUS 4 GRANTS ACTIVE; NO 1985 FUNDS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
ANTIBODIES, STRUCTURE, FUNCTION AND SYNTHESIS				
AICHISON, MICHAEL L	F32 AI 07090-02	24,996	INSTITUTE FOR CANCER RESEARCH TRANSCRIPTIONAL ACTIVATION OF IMMUNOGLOBULIN GENES	02
FRANCIS, NANCY L	F32 AI 06435-03S2	1,284	U.S. NATIONAL INSTITUTES OF HLTH ORGANIZATION OF RABBIT IMMUNOGLOBULIN GENES	02
MALISZEWSKI, CHARLES R	F32 AI 06694-03	0*	DARTMOUTH COLLEGE CHARACTERIZATION OF FC RECEPTORS FOR IGA	01
	3	26,280		
CELLULAR IMMUNOLOGY AND IMMUNOREGULATION				
FERGUSON, WILLIAM S	F32 AI 07331-01	26,004	MASSACHUSETTS INSTITUTE OF TECHNOLOGY T CELL ANTIGEN RECEPTOR AND ASSOCIATED SURFACE PROTEINS	02
FISHWILD, DIANNE M	F32 AI 06812-03	24,996	STANFORD UNIVERSITY ANTIGEN SPECIFIC SUPPRESSOR T CELL FACTOR IN MAN	02
GEE, CONNIE E	F32 AI 06913-02	20,004	DANA-FARBER CANCER INSTITUTE THE CLONING AND STUDY OF THE LFA-1 AND MAC-1 GENES	03
GOLD, DANIEL P	F32 AI 07020-01A1	24,996 *	DANA-FARBER CANCER INSTITUTE STUDIES OF THE HUMAN T3/T CELL RECEPTOR EPSILON GENE	03
HEIMAN, DONALD F	F32 AI 07280-01	29,004	YALE UNIVERSITY FORMYL PEPTIDE CHEMOTACTIC RECEPTOR: STRUCTURE, FUNCTION	02
LEMMON, SANDRA K	F32 AI 06884-02	0*	MEDICAL UNIVERSITY OF SOUTH CAROLINA SURFACE PROTEINS INVOLVED IN T-CELL ACTIVATION	02
PORTNOY, DANIEL A	F32 AI 06918-01A1	24,996	ROCKEFELLER UNIVERSITY CLONING AND CHARACTERIZATION OF FC RECEPTOR GENES	03
SCHMUNK, GREGORY A	F32 AI 07254-01	24,996 *	UNIVERSITY OF CALIFORNIA SAN DIEGO B CELL GROWTH FACTOR: MOLECULAR CHARACTERIZATION	02
SIEGELMAN, MARK H	F32 AI 07304-01	26,004 *	STANFORD UNIVERSITY MOLECUALR CHARACTERIZATION OF LYMPHOCYTE HOMING RECEPTOR	03

(*) = ACTIVE; NO FY 1985 FUNDS

TRAINING GRANTS & FELLOWSHIP PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CELLULAR IMMUNOLOGY AND IMMUNOREGULATION	
SWENSON, KATHERINE I	F32 AI 06745-03	24,996	HARVARD UNIVERSITY FUNCTION AND LOCALIZATION OF MATERNALLY STORED MRNA DURI'	02
WHITE, MICHAEL W	F32 AI 07207-01	24,996 *	UNIVERSITY OF WASHINGTON SPERMIDINE SYNTHASE REGULATION IN LYMPHOCYTES	02
	11	250,992		
			IMMUNOGENETICS	
FRANK, MARK B	F32 AI 06763-02	27,000	UNIVERSITY OF CALIFORNIA IRVINE COMPARATIVE STRUCTURE OF C-KAPPA GENES	03
	1	27,000		
			INFLAMMATION, INCLUDING COMPLEMENT	
BEARMAN, SCOTT I	F32 AI 07052-02	27,000	UNIVERSITY OF WASHINGTON CHARACTERIZATION OF HUMAN NEUTROPHIL MEMBRANE PROTEINS	01
COLE, JOE L	F32 AI 07323-01	33,000 *	CHILDREN'S HOSPITAL (BOSTON) REGULATION OF C2 SYNTHESIS AND SECRETION	04
FISHER, GREGORY W	F32 AI 07266-01	24,996 *	CARNEGIE-MELLON UNIVERSITY VISUALIZATION OF FMLP-RECEPTORS DURING CHEMOTAXIS	04
O'NEIL, KATHLEEN M	F32 AI 06972-02	30,996	JOHNS HOPKINS UNIVERSITY ROLE OF C3 IN INDUCTION OF HUMORAL IMMUNITY	04
SWANSON, JOEL A	F32 AI 06880-03	24,996	COLUMBIA UNIVERSITY NEW YORK CELL SURFACE REGULATION DURING SPREADING AND ENDOCYTOSIS	01
WEINSTOCK, GARY A	F32 AI 06786-03	29,004	STATE UNIVERSITY NEW YORK STONY BROOK KININ FORMATION IN HEREDITARY ANGIOEDEMA AND ARTHRITIS	01
	6	169,992		

(*) = ACTIVE; NO FY 1985 FUNDS

TRAINING GRANTS & FELLOWSHIP PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
		MECHANISMS OF ALLERGIC DISEASE, INCLUDING ALLERGENS		
WINKELSTEIN, JERRY A	T32 AI 07007-10	59,153	JOHNS HOPKINS UNIVERSITY PEDIATRIC ALLERGY AND IMMUNOLOGY	04
	1	59,153		
LUDWIG, LINDA B	F32 AI 07178-02	33,000	UNIVERSITY OF ROCHESTER IMMUNOREGULATION OF HUMAN ANTIBODY TO ALLERGENS	01
POLLART, SUSAN M	F32 AI 07255-01	24,996 #	UNIVERSITY OF VIRGINIA CHARLOTTESVILLE ETIOLOGY OF ASTHMA: PURIFICATION OF COCKROACH ALLERGENS	01
	2	57,996		
		TRANSPLANTATION AND HISTOCOMPATIBILITY TESTING		
BLANCK, GEORGE	F32 AI 07121-01	0*	HARVARD UNIVERSITY STRUCTURE AND FUNCTION OF HLA-SB GENES	03
BOSS, JEREMY M	F32 AI 06860-03	24,996	HARVARD UNIVERSITY CLONING AND SEQUENCING OF THE HLA-D/DR LIGHT CHAIN GENE	03
CRAGE, MICHELE	F32 AI 07137-02	29,004	BRIGHAM AND WOMEN'S HOSPITAL ANTIGEN-SPECIFIC SUPPRESSION CELLS IN GRAFT ENHANCEMENT	03
GOYERT, SANNA M	F32 AI 06743-03	24,996	HOSPITAL FOR JOINT DISEASES ORTHO INST ISOLATION AND ANALYSIS OF HUMAN I-A SUBREGION-LIKE GENES	03
HELLER, MARK R	F32 AI 07024-02	24,996	MASSACHUSETTS INSTITUTE OF TECHNOLOGY T CELL RECEPTOR DIVERSITY AND MHC RECOGNITION	03
KNECHTLE, STUART J	F32 AI 07099-02	26,004	DUKE UNIVERSITY IMMUNE TOLERANCE APPLIED TO LIVER TRANSPLATATION	03
MCLAUGHLIN-TAYLOR, ELIZABETH	F32 AI 07218-01	24,996 #	BECKMAN RESEARCH INSTITUTE/CITY OF HOPE STRUCTURAL AND FUNCTIONAL ANALYSES OF H-2 GENES	03
MIYADA, CHARLES G	F32 AI 07189-01	20,004 #	BECKMAN RESEARCH INSTITUTE/CITY OF HOPE GENETIC MECHANISMS FOR CREATING DIVERSITY IN MOUSE MHC	03

(*) = ACTIVE; NO FY 1985 FUNDS

TRAINING GRANTS & FELLOWSHIP PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			TRANSPLANTATION AND HISTOCOMPATIBILITY TESTING	
SANT, ANDREA J	F32 AI 07244-01	16,752	U.S. NATIONAL INSTITUTES OF HLTH THE MOLECULAR BASIS OF IA HETERODIMER FORMATION	03
	9	191,748		
			INFECTIOUS & IMMUNOLOGIC DISEASES	
EDGINGTON, THOMAS S	T32 AI 07244-04	265,981	SCRIPPS CLINIC AND RESEARCH FOUNDATION PATHOGENESIS AND IMMUNOLOGY OF DISEASE	04
FAHEY, JOHN L	T32 AI 07126-09	191,106	UNIVERSITY OF CALIFORNIA LOS ANGELES CLINICAL AND FUNDAMENTAL IMMUNOLOGY	04
GREY, HOWARD M	T32 AI 00048-11	135,145	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST BASIC IMMUNE MECHANISMS AND IMMUNOLOGIC DISEASE	02
LEDDY, JOHN P	T32 AI 07169-06A1	184,688	UNIVERSITY OF ROCHESTER TRAINING IN IMMUNOLOGY AND INFECTIOUS DISEASES	01
MC GUIRE, TRAVIS C	T32 AI 07025-06	126,793	WASHINGTON STATE UNIVERSITY IMMUNOLOGY TRAINING PROGRAM	01
SNYDERMAN, RALPH	T32 AI 07217-06	154,387	DUKE UNIVERSITY TRAINING PROGRAM IN INFLAMMATORY AND IMMUNOLOGICAL	04
WORTIS, HENRY H	T32 AI 07077-05	111,679	TUFTS UNIVERSITY IMMUNOLOGIC ASPECTS OF DISEASE	02
	7	1,169,779		
			ALLERGY & IMMUNOLOGY	
AMOS, DENNIS B	T32 AI 07240-04	206,172	DUKE UNIVERSITY FUNDAMENTAL AND APPLIED IMMUNOLOGY	02
ASHMAN, ROBERT F	T32 AI 07260-01A1	0*	UNIVERSITY OF IOWA INTERDISCIPLINARY IMMUNOLOGY TRAINING PROGRAM	01

(*) = ACTIVE; NO FY 1985 FUNDS

TRAINING GRANTS & FELLOWSHIP PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ALLERGY & IMMUNOLOGY	
AUSTEN, K FRANK	T32 AI 07306-01	269,021	BRIGHAM AND WOMEN'S HOSPITAL IMMUNOLOGIC BASIS OF RESISTANCE AND HYPERSENSITIVITY	01
BUCKLEY, REBECCA H	T32 AI 07062-09	120,790	DUKE UNIVERSITY ALLERGY AND CLINICAL IMMUNOLOGY	01
BUTLER, VINCENT P, JR	T32 AI 07132-09	133,994	COLUMBIA UNIVERSITY NEW YORK IMMUNOLOGY TRAINING PROGRAM,	04
CLAMAN, HENRY N	T32 AI 07035-10	148,709	UNIVERSITY OF COLORADO HLTH SCIENCES CTR CELLULAR IMMUNOLOGY	02
FRELINGER, JEFFREY A	T32 AI 07273-02	109,046	UNIVERSITY OF NORTH CAROLINA CHAPEL HILL BASIC IMMUNE MECHANISMS	03
GLEICH, GERALD J	T32 AI 07047-07	82,158	MAYO FOUNDATION TRAINING PROGRAM IN ALLERGIC DISEASES	01
ISHIZAKA, KIMISHIGE	T32 AI 07247-04	231,347	JOHNS HOPKINS UNIVERSITY CELLULAR & MOLECULAR MECH OF INFLAMMATORY REACTIONS	01
JANEWAY, CHARLES A, JR	T32 AI 07019-10	250,548	YALE UNIVERSITY INTERDISCIPLINARY IMMUNOLOGY TRAINING PROGRAM	02
KANTOR, FRED S	T32 AI 07174-06	98,148	YALE UNIVERSITY ALLERGY AND IMMUNOLOGY	04
KATZ, DAVID H	T32 AI 07259-01A3	159,717	MEDICAL BIOLOGY INSTITUTE TRAINING IN ALLERGY AND IMMUNOLOGY	01
KREUTZER, DONALD L	T32 AI 07080-09	108,939	UNIVERSITY OF CONNECTICUT HEALTH CENTER BASIC IMMUNOLOGY & IMMUNOLOGIC CELL INJURY	04
NISONOFF, ALFRED	T32 AI 07069-09	67,958	BRANDEIS UNIVERSITY INVESTIGATION OF MECHANISMS IN THE IMMUNE RESPONSE	02
NORMAN, PHILLIP S	T32 AI 07056-10	144,462	JOHNS HOPKINS UNIVERSITY BASIC AND CLINICAL IMMUNOLOGY	04
PARKER, CHARLES W	T32 AI 00112-11	83,065	WASHINGTON UNIVERSITY ALLERGY AND IMMUNOLOGY	01

(*) = ACTIVE; NO FY 1985 FUNDS

TRAINING GRANTS & FELLOWSHIP PROGRAMS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ALLERGY & IMMUNOLOGY	
PATTERSON, ROY	T32 AI 07075-08	65,096	NORTHWESTERN UNIVERSITY INSTITUTIONAL RESEARCH FELLOWSHIP AWARD	01
QUINTANS, JOSE	T32 AI 07090-07	35,911	UNIVERSITY OF CHICAGO INTERDISCIPLINARY TRAINING PROGRAM IN IMMUNOLOGY	02
SHREFFLER, DONALD C	T32 AI 07163-08	274,844	WASHINGTON UNIVERSITY TRAINING PROGRAM IN IMMUNOLOGY AND IMMUNOGENETICS	02
STIEHM, E RICHARD	T32 AI 07008-08	60,449	UNIVERSITY OF CALIFORNIA LOS ANGELES TRAINING PROGRAM IN PEDIATRIC ALLERGY/IMMUNOLOGY	01
VOLANAKIS, JOHN E	T32 AI 07051-10	188,259	UNIVERSITY OF ALABAMA IN BIRMINGHAM ALLERGY AND IMMUNOLOGIC DISEASE	04
WEISSMAN, IRVING L	T32 AI 07190-01	185,486	STANFORD UNIVERSITY MOLECULAR AND CELLULAR IMMUNOBIOLOGY	02
	22	3,024,119		

(*) = ACTIVE; NO FY 1985 FUNDS

TRAINING GRANTS & FELLOWSHIP PROGRAMS

TOTAL 8 AWARDS FUNDED -- $182,108

OTHER AWARDS PAID BY NIAID

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			TRAINING GRANTS	
JONES, FRED, JR	T35 AI 07286-01A1	10,870	MEHARRY MEDICAL COLLEGE SHORT TERM RESEARCH TRAINING	79
LEWIS, ROBERT M	T35 AI 07227-03	15,176	CORNELL UNIVERSITY ITHACA STUDENTS IN HEALTH PROFESSIONAL SCHOOLS	79
PATERSON, PHILIP Y	T35 AI 07224-05	22,098	NORTHWESTERN UNIVERSITY SHORT-TERM RESEARCH TRAINING	79
	3	48,144		
			FELLOWSHIP PROGRAM	
MELENDEZ, LOYDA M	F34 GM 10784-01	21,391 *	EMORY UNIVERSITY MODERN CONCEPTS IN IMMUNOLOGY AND MEDICAL MICROBIOLOGY	11
WILSON, JOHN E	F34 GM 08599-03S1	9,725	TULANE UNIVERSITY OF LOUISIANA TAPEWORM SURFACE MEMBRANES	11
BRUNVAND, MARK W	F35 AI 07283-01	23,760	U.S. NATIONAL INSTITUTES OF HLTH NIH INTRAMURAL NRSA INSTITUTIONAL TRAINING PROGRAM	09
KANOF, MARJORIE E	F35 AI 07439-01	26,084 *	U.S. NATIONAL INSTITUTES OF HLTH NIH INTRAMURAL NRSA INSTITUTIONAL TRAINING PROGRAM	09
KARRON, RUTH A	F35 AI 07350-01	23,004	U.S. NATIONAL INSTITUTES OF HLTH NIH INTRAMURAL NRSA INSTITUTIONAL TRAINING PROGRAM	11
WHITE, MARTHA V	F35 AI 07507-01	30,000 *	U.S. NATIONAL INSTITUTES OF HLTH NIH INRAMURAL NRSA INSTITUTIONAL TRAINING PROGRAM	09
	6	133,964		

(*) = ACTIVE; NO FY 1985 FUNDS

P A R T I I I

RESEARCH, DEVELOPMENT AND SERVICE CONTRACTS
AND
INTERAGENCY AND INTRAAGENCY AGREEMENTS

(BY RESEARCH AREAS)

**94 EXTRAMURAL CONTRACTS AND AGREEMENTS FUNDED	$26,917,039
35 EXTRAMURAL CONTRACTS AND AGREEMENTS ACTIVE	NO FY 1985 FUNDS
129 TOTAL EXTRAMURAL CONTRACTS AND AGREEMENTS LISTED	

**DOES NOT INCLUDE FUNDS FOR OSD AND INTRAMURAL CONTRACTS AND AGREEMENTS

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RESEARCH DEVELOPMENT & SERVICE CONTRACTS

TOTAL 25 CONTRACTS FUNDED -- $6,323,696 *PLUS 15 CONTRACTS ACTIVE; NO 1985 FUNDS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CLINICAL STUDIES	
LEVINE, MYRON M	N01 AI 12666	746,561	UNIVERSITY OF MARYLAND AT BALTIMORE FACILITY FOR STUDY OF INFECTIOUS DISEASES, VACCINES	64
	1	746,561		
			RAPID VIRAL DIAGNOSIS	
PATEL, ASHOK	N43 AI 52601	46,118	LONDON DIAGNOSTICS, INC. CHEMILUMINESCENCE IMMUNOASSAY FOR HBS AG	63
RICHMAN, DOUGLAS	N01 AI 52578	134,857	UNIVERSITY OF CALIFORNIA SAN DIEGO DEVELOPMENT AND APPLICATION OF RAPID VIRAL DIAGNOSIS	63
RICHMAN, DOUGLAS D	N01 AI 22681	0*	UNIVERSITY OF CALIFORNIA SAN DIEGO VIROLOGIC TECHNIQUES RAPID VIRAL DIAGNOSIS	63
TAUB, FLOYD	N43 AI 52602	50,000	DIGENE RAPID DIAGNOSIS OF INFECTIOUS DISEASES	63
YOLKEN, ROBERT H	N01 AI 22680	0*	JOHNS HOPKINS UNIVERSITY MOLECULAR VIROLOGIC TECHNIQUES IN RAPID VIRAL DIAGNOSIS	63
YOLKEN, ROBERT H	N01 AI 52579	149,085	JOHNS HOPKINS UNIVERSITY MOLECULAR VIROLOGIC TECHNIQUES IN RAPID VIRAL DIAGNOSIS	63
	6	380,060		
			VACCINE EVALUATION	
BELSHE, ROBERT R	N01 AI 02644	0*	MARSHALL UNIVERSITY TEST RESPIRATORY VIRUS AND BACTERIAL VACCINES	57
COUCH, ROBERT B	N01 AI 22672	351,386	BAYLOR COLLEGE OF MEDICINE EVALUATE CONTROL MEASURES AGAINST INFECTIOUS DISEASES	57
DOUGLAS, R GORDON, JR	N01 AI 02653	0*	UNIVERSITY OF ROCHESTER CLINICALLY TEST BACTERIAL RESPIRATORY VIRUS VACCINES	50

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH DEVELOPMENT & SERVICE CONTRACTS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			VACCINE EVALUATION	
WRIGHT, PETER F	N01 AI 02645	0*	VANDERBILT UNIVERSITY TEST RESPIRATORY VIRUS AND BACTERIAL VACCINES IN INFANTS	50
	4	351,386		
			VACCINE EVALUATION CENTER	
BELSHE, ROBERT B	N01 AI 52575	320,400	MARSHALL UNIVERSITY TESTING OF RESPIRATORY, ENTERIC AND BACTERIAL VACCINES	57
DOLIN, RAPHAEL	N01 AI 52577	693,500	UNIVERSITY OF ROCHESTER TESTING OF RESPIRATORY, ENTERIC AND BACTERIAL VACCINES	56
WRIGHT, PETER	N01 AI 52576	517,750	VANDERBILT UNIVERSITY TESTING OF RESPIRATORY, ENTERIC AND BACTERIAL VACCINES	56
	3	1,531,650		
			GRAM NEGATIVE AEROBIC RODS	
SHIH, CHUN-NAN	N01 AI 32518	112,000	MICHIGAN DEPARTMENT OF PUBLIC HEALTH DEVELOP AN ACELLULAR BORDETELLA PERTUSSIS VACCINE	54
	1	112,000		
			GRAM NEGATIVE FACULTATIVE RODS	
ANDERSON, PORTER W	N01 AI 12673	0*	UNIVERSITY OF ROCHESTER DEVELOP H INFLUENZAE TYPE B VACCINE	54
ANDERSON, PORTER W	N01 AI 52571	45,150	UNIVERSITY OF ROCHESTER OPERATION OF HAEMOPHILUS INFLUIENZA TYPE B	54
KUO, J S-C	N01 AI 12674	8,000	AMERICAN CYANAMID COMPANY DEVELOP AN H INFLUENZAE TYPE B VACCINE	54

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH DEVELOPMENT & SERVICE CONTRACTS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			GRAM NEGATIVE FACULTATIVE RODS	
WARD, JOEL	N01 AI 32512	700,603	LOS ANGELES COUNTY HARBOR-UCLA MED CTR HAEMOPHILUS INFLUENZA TYPE B VACCINE IN HIGH RISK INFANT	54
	4	753,753		
			GRAM NEGATIVE COCCI (NEISSERIACEAE)	
ALEXANDER, RUSSELL	Y01 AI 40010	0*	CENTER FOR DISEASE CONTROL IMMUNE RESPONSE TO GONOCOCCAL INFECTION	30
HOOK, EDWARD	N01 AI 42534	0*	UNIVERSITY OF WASHINGTON DEVELOP A VACCINE FOR GONORRHEA	30
	2	0		
			STREPTOCOCCI	
KASPER, DENNIS L	N01 AI 72538	12,000	BRIGHAM AND WOMEN'S HOSPITAL STUDIES ON THE ANTIGENS OF GROUP B STREPTOCOCCUS	30
LORBER, BENNETT	N01 AI 725 9	0*	TEMPLE UNIVERSITY STUDIES ON THE ANTIGENS OF GROUP B STREPTOCOCCUS	30
	2	12,000		
			PNEUMOCOCCI (STREPTOCOCCUS PNEUMONIAE)	
MARTIN, LOUIS N	N01 AI 82573	0*	TULANE UNIVERSITY OF LOUISIANA EFFECTS OF VACCINES IN PREGNANT FEMALES AND OFFSPRING	54
SCHIFFMAN, GERALD	N01 AI 02647	174,408	DOWNSTATE MEDICAL CENTER PNEUMOCOCCAL POLYSACCHARIDE REFERENCE LABORATORY	54
	2	174,408		

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH DEVELOPMENT & SERVICE CONTRACTS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MYCOBACTERIUM	
BRENNAN, PATRICK J	N01 AI 22682	0*	COLORADO STATE UNIVERSITY ISOLATE ANTIGENS FROM PURIFIED MYCOBACTERIUM LEPRAE	33
BRENNAN, PATRICK J	N01 AI 52582	212,010	COLORADO STATE UNIVERSITY ANTIGENS FROM M. LEPRAE OBTAINED FROM ARMADILLO TISSUE	33
ENGLER, BERNARD, JR	Y01 AI 40008	0*	U.S. NATIONAL INSTITUTES OF HLTH MONOCLONAL ANTIBODIES FOR THE STUDY OF LEPROSY	33
HASTINGS, ROBERT C	Y01 AI 50004	72,793	NATIONAL HANSEN'S DISEASE CENTER MAINTENANCE OF AN ARMADILLO COLONY INFECTED W/M-LEPRAE	33
ISEMAN, MICHAEL D	N01 AI 42544	493,014	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST TREATMENT OF M.AVIUM-INTRACELLULARE INFECTION IN AIDS	33
ISEMAN, MICHAEL D	N01 AI 52574	341,320	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST CLINICALLY IMPORTANT MYCOBACTERIA FROM AIDS PATIENTS	33
MC CLATCHY, J KENNETH	N01 AI 02641	0*	NATIONAL JEWISH HOSP & RES CTR-NAT'L AST SEROLOGICAL CLASSIFICATION OF ATYPICAL MYCOBACTERIUM	33
STORRS, ELEANOR E	N01 AI 52563	120,807	FLORIDA INSTITUTE OF TECHNOLOGY MAINTAIN ARMADILLO COLONY INFECTED WITH M LEPRAE	33
STORRS, ELEANOR E	N01 AI 92637	0*	FLORIDA INSTITUTE OF TECHNOLOGY MAINTAIN ARMADILLO COLONY INFECTED WITH M LEPRAE	33
YOUNG, LOWELL S	N01 AI 42545	201,518	UNIVERSITY OF CALIFORNIA LOS ANGELES TREATMENT OF M.AVIUM-INTRACELLULARE INFECTION IN AIDS	33
	10	1,441,462		
			CANDIDA	
BECKER, JEFFREY M	N01 AI 42651	221,100	UNIVERSITY OF TENNESSEE KNOXVILLE DRUGS FOR TREATMENT OF CANDIDIASIS	31
CLARK, ALICE M	N01 AI 42549	148,685	UNIVERSITY OF MISSISSIPPI DEVELOPMENT OF DRUGS FOR TREATMENT OF CANDIDIASIS	31

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH DEVELOPMENT & SERVICE CONTRACTS

BACTERIA, FUNGI AND RELATED ORGANISMS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			CANDIDA	
LOPEZ-BERESTEIN, GABRIEL	N01 AI 42547	158,196	UNIVERSITY OF TEXAS SYSTEM CANCER CENTER DRUGS FOR TREATMENT OF CANDIDIASIS	31
	3	527,981		
			CRYPTOCOCCUS	
DISMUKES, WILLIAM E	N01 AI 52562	292,435	UNIVERSITY OF ALABAMA AT BIRMINGHAM CLINICAL TRIALS FOR THERAPY OF SYSTEMIC MYCOTIC DISEASES	61
DISMUKES, WILLIAM E	N01 AI 82570	0*	UNIVERSITY OF ALABAMA AT BIRMINGHAM ANTIBIOTIC THERAPY FOR CRYPTOCOCCAL MENINGITIS	61
	2	292,435		

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(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH DEVELOPMENT & SERVICE CONTRACTS

TOTAL 23 CONTRACTS FUNDED -- $8,222,299 *PLUS *CONTRACTS ACTIVE: NO 1985 FUNDS

VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			MYXOVIRUSES	
BEITS, ROBERT F	N01 AI 52592	705,645	UNIVERSITY OF ROCHESTER RIMANTADINE OR AMANTADINE IN THE TREATMENT OF INFLUENZA	50
COUCH, ROBERT B	N01 AI 32685	1,027,063	BAYLOR COLLEGE OF MEDICINE OPERATION OF AN INFLUENZA RESEARCH CENTER	50
MAASSAB, H F	N01 AI 52564	313,255	UNIVERSITY OF MICHIGAN AT ANN ARBOR LIVE ATTENUATED COLD-ADAPTED (CA) INFLUENZA VACCINES	50
MAASSAB, H F	N01 AI 72521	0*	UNIVERSITY OF MICHIGAN AT ANN ARBOR STUDY ON LIVE INFLUENZA VIRUS VACCINE CANDIDATES	50
WEBSTER, ROBERT G	N01 AI 02649	0*	ST. JUDE CHILDREN'S RESEARCH HOSPITAL SURVEILLANCE AND ECOLOGY OF ANIMAL INFLUENZA	50
WEBSTER, ROBERT G	N01 AI 52586	422,027	ST. JUDE CHILDREN'S RESEARCH HOSPITAL SURVEILLANCE AND ECOLOGY OF ANIMAL INFLUENZA	50
WRIGHT, PETER F	N01 AI 52593	435,904	VANDERBILT UNIVERSITY EFFICACY TRIAL OF COLD-ADAPTED VACCINES	50
	7	2,903,894		
			PARAMYXOVIRUSES	
COMPANS, RICHARD W	N01 AI 12677	0*	UNIVERSITY OF ALABAMA AT BIRMINGHAM DEVELOP VACCINES FOR PARAINFLUENZA VIRUSES	51
RANJIT, RAY	N43 AI 52604	49,580	MOLECULAR ENGINEERING ASSOCIATES, INC. AFFINITY PURIFICATION OF PARAINFLUENZA GLYCOPROTEINS	51
	2	49,580		

(*) = ACTIVE: NO FY 1985 FUNDS

RESEARCH DEVELOPMENT & SERVICE CONTRACTS

VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			REOVIRUSES	
SACK, RICHARD B	N01 AI 02660	860,245	JOHNS HOPKINS UNIVERSITY ESTABLISH AN INFECTIOUS ENTERIC DISEASE STUDY CENTER	64
	1	860,245		
	BUNYAVIRUSES (RIFT VALLEY FEVER VIRUS, CALIFORNIA COMPLEX, GROUP C ARBOVIRUS			
EL SAID, SHERIF	N01 AI 22667	581,800**	AIN SHAMS UNIVERSITY EPIDEMIOLOGY AND CONTROL OF ARTHROPOD-BORNE DISEASES	95
CALUN, RACHEL	N01 AI 22668	468,521**	HEBREW UNIVERSITY OF JERUSALEM EPIDEMIOLOGY AND CONTROL OF ARTHROPOD-BORNE DISEASES	95
	2	1,050,321**		
			HERPESVIRUSES	
GERSHON, ANNE A	N01 AI 02639	257,706	NEW YORK UNIVERSITY CLINICAL EVALUATION OF LIVE HERPESVIRUS VACCINE	56
MACDONALD, RICHARD D	N43 AI 52603	49,875	SYNTRO CORPORATION ATTENUATED CMV VACCINES USING RECOMBINANT TECHNOLOGY	57
	2	307,581		
			PAPOVAVIRUSES	
REICHMAN, RICHARD C	N01 AI 32510	336,900	UNIVERSITY OF ROCHESTER TREATMENT OF CONDYLOMA ACUMINATUM WITH INTERFERON	55
	1	336,900		
			INTERFERON	
GROSSBERG, SIDNEY E	N01 AI 02658	0*	MEDICAL COLLEGE OF WISCONSIN STANDARDIZE & PRODUCE ANTISERA TO IMMUNE INTERFERONS	55

(**) = FUNDED BY AID-STATE DEPARTMENT
(*) = ACTIVE; NO FY 1985 FUNDS

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RESEARCH DEVELOPMENT & SERVICE CONTRACTS

VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			INTERFERON	
GROSSBERG, SIDNEY E	N01 AI 12671	15,000	MEDICAL COLLEGE OF WISCONSIN PREPARE INTERFERON STANDARDS	55
HEALY, GERALD B	N01 AI 22666	115,159	CHILDREN'S HOSPITAL (BOSTON) TREAT JUVENILE LARYNGEAL PAPILLOMA WITH INTERFERON	55
HO, MONTO	N01 AI 02661	0*	UNIVERSITY OF PITTSBURGH TREAT PRIMARY GENITAL HERPES WITH INTERFERON	55
	4	130,159		
			ANTIVIRAL SUBSTANCES, GENERAL	
MERIGAN, THOMAS	N01 AI 12676	367,138	STANFORD UNIVERSITY CLINICAL TRIALS FOR EVALUATION OF ANTIVIRALS	55
	1	367,138		
			ANTIVIRAL SUBSTANCES, OTHER	
ALBRECHT, THOMAS B	N01 AI 42557	168,029	UNIVERSITY OF TEXAS MED BR GALVESTON TREATMENT OF CMV INFECTIONS IN AIDS AND OTHER	53
DRACH, JOHN C	N01 AI 42554	0*	UNIVERSITY OF MICHIGAN AT ANN ARBOR TREATMENT OF CMV INFECTIONS IN AIDS AND OTHER	53
FRIEDMAN-KIEN, ALVIN E	N01 AI 12663	186,678	NEW YORK UNIVERSITY ANIMAL MODELS FOR EVALUATION OF ANTIVIRAL DRUGS	55
HSIUNG, GUEH-DJEN	N01 AI 12665	170,976	YALE UNIVERSITY ANIMAL MODELS FOR EVALUATION OF ANTIVIRAL DRUGS	55
KERN, EARL R	N01 AI 22670	233,825	UNIVERSITY OF UTAH ANIMAL MODELS FOR ANTIVIRAL EVALUATION	55
REYES, GREGORY R	N43 AI 52597	50,000	GENE LABS, INC. DEVELOPMENT OF MORE EFFECTIVE, LESS TOXIC ANTIVIRAL DRUG	55

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH DEVELOPMENT & SERVICE CONTRACTS

VIRUSES AND VIRAL DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			ANTIVIRAL SUBSTANCES, OTHER	
SHANNON, WILLIAM C	N01 AI 42555	271,574	SOUTHERN RESEARCH INSTITUTE TREATMENT OF CMV INFECTIONS IN AIDS AND OTHER	53
SOIKE, KENNETH F	N01 AI 22671	198,825	TULANE UNIVERSITY OF LOUISIANA EVALUATE ANTIVIRAL DRUGS IN ANIMAL MODELS	55
WHITLEY, RICHARD J	N01 AI 12667	1,068,544	UNIVERSITY OF ALABAMA AT BIRMINGHAM EFFICACY TRIALS OF ANTIVIRALS FOR SEVERE HERPES VIRUS	55
WRIGHT, GEORGE E	N01 AI 42556	83,945	UNIVERSITY OF MASSACHUSETTS MEDICAL SCH TREATMENT OF CMV INFECTIONS IN AIDS AND OTHER	53
	10	2,432,396		
			VIRAL HEPATITIS	
GERIN, JOHN	N01 AI 22665	834,406	GEORGETOWN UNIVERSITY OPERATE MOLECULAR VIROLOGY AND IMMUNOLOGY LABORATORY	57
PHILLIPS, JERE M	N01 AI 02640	0*	MELOY LABORATORIES, INC. FACILITY FOR NONHUMAN PRIMATES FOR VIRAL HEPATITIS	53
TENNANT, BUD C	N01 AI 02651	0*	CORNELL UNIVERSITY ITHACA BREEDING FACILITY FOR WOODCHUCKS (MARMOTA MONA)	53
	3	834,406		

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(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH DEVELOPMENT & SERVICE CONTRACTS

TOTAL 5 CONTRACTS FUNDED -- $1,222,174 *PLUS 1 CONTRACT ACTIVE; NO 1985 FUNDS

ANIMAL PARASITES & PARASITIC DISEASES

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			PROTOZOANS, NOT ELSEWHERE CLASSIFIED	
HOLZMAN, ROBERT S	N01 AI 52607	553,000	NEW YORK UNIVERSITY TRIAL FOR PROPHYLAXIS OF P.CARINII AMONG AIDS PATIENTS	72
SMITH, JAMES W	N01 AI 42543	164,470	INDIANA UNIV-PURDUE UNIV AT INDIANAPOLIS DRUGS FOR TREATMENT PNEUMOCYSTIS CARINII	40
WALZER, PETER D	N01 AI 42548	169,941	UNIVERSITY OF CINCINNATI DRUGS FOR TREATMENT PNEUMOCYSTIS CARINII	40
	3	887,411		
			SCHISTOSOMES	
BRUCE, JOHN I	N01 AI 02656	0*	UNIVERSITY OF LOWELL SUPPLY SCHISTOSOME-INFECTED SNAILS AND MAMMALS	40
BRUCE, JOHN I	N01 AI 52590	182,945	UNIVERSITY OF LOWELL SUPPLY OF SCHISTOSOME INFECTED SNAILS & MAMMALS	40
	2	182,945		
			FILARIAE	
MC CALL, JOHN W	N01 AI 02642	151,818	UNIVERSITY OF GEORGIA FILARIASIS REPOSITORY RESEARCH CENTER	40
	1	151,818		

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(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH DEVELOPMENT & SERVICE CONTRACTS

TOTAL 23 CONTRACTS FUNDED -- $7,916,352 *PLUS 6 CONTRACTS ACTIVE; NO 1985 FUNDS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	PR.
ANTIBODIES, STRUCTURE, FUNCTION AND SYNTHESIS				
CASTLEMAN, PAUL A	N01 AI 52101	67,458	BOLT BERANEK & NEWMAN INC. TABULATION & ANALYSIS OF IMMUNOGLOBULIN SEQUENCE DATA	02
	1	67,458		
CELLULAR IMMUNOLOGY AND IMMUNOREGULATION				
BEKESI, GEORGE F	N01 AI 52572	301,247	MOUNT SINAI SCHOOL OF MEDICINE AIDS: ANALYSIS OF CELL SURFACE MARKERS AND FUNCTION	02
GIORGI, JANIS	N01 AI 52573	297,000	UNIVERSITY OF CALIFORNIA LOS ANGELES AIDS: ANAYLSIS OF CELL SURFACE MARKERS AND FUNCTION	02
	2	598,247		
IMMUNODEFICIENCY				
DETELS, ROGER	N01 AI 32511	758,728	UNIVERSITY OF CALIFORNIA LOS ANGELES NATURAL HISTORY OF ACQUIRED IMMUNE DEFICIENCY SYNDROME	70
LOCKE, BENZ	Y01 AI 40012	33,940	U.S. NATIONAL INSTITUTES OF HLTH MENTAL HEALTH EFFECTS OF AIDS ON AT-RISK HOMOSEXUALS	70
PHAIR, JOHN	N01 AI 32535	965,845	HOWARD BROWN MEMORIAL CLINIC NATURAL HISTORY OF ACQUIRED IMMUNE DEFICIENCY SYNDROME	70
POLK, B FRANK	N01 AI 32520	951,240	JOHNS HOPKINS UNIVERSITY NATURAL HISTORY OF ACQUIRED IMMUNE DEFICIENCY SYNDROME	70
RINALDO, CHARLES R, JR	N01 AI 32513	806,217	UNIVERSITY OF PITTSBURGH NATURAL HISTORY OF ACQUIRED IMMUNE DEFICIENCY SYNDROME	70
WINKELSTEIN, WARREN, JR	N01 AI 32519	1,106,525	UNIVERSITY OF CALIFORNIA BERKELEY NATURAL HISTORY OF ACQUIRED IMMUNE DEFICIENCY SYNDROME	70
	6	4,622,495		

(*) = ACTIVE; NO FY 1985 FUNDS

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RESEARCH DEVELOPMENT & SERVICE CONTRACTS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
MECHANISMS OF ALLERGIC DISEASE, INCLUDING ALLERGENS				
CONDEMI, JOHN J	N01 AI 92630	0*	UNIVERSITY OF ROCHESTER SKIN TESTING WITH PENICILLIN DERIVATIVES IN ADULTS	01
EVANS, RICHARD, III	N01 AI 52591	288,346	JOHNS HOPKINS UNIVERSITY EXAMINE THE EFFECTS OF THERAPY IN LAB. ANIMAL ALLERGY	01
KOHLER, PETER F	N01 AI 92631	0*	UNIVERSITY OF COLORADO HLTH SCIENCES CTR SKIN TESTING WITH PENICILLIN DERIVATIVES IN ADULTS	01
LEE, KENNETH W	N43 AI 52595	49,750	IATRIC CORPORATION STANDARIZATION OF ALLERGENS FOR BIOLOGICAL POTENCY	01
PATTERSON, ROY	N01 AI 92632	0*	NORTHWESTERN UNIVERSITY SKIN TEST PENICILLIN DERIVATIVES IN HOSPITALIZED ADULTS	01
SMITH, MARK	N43 AI 52596	49,405	IMBIC, INC. DIAGNOSIS FOR IMMUNOLOGIC REACTIONS TO DRUGS	01
VAN ARSDEL, PAUL P, JR	N01 AI 92633	0*	UNIVERSITY OF WASHINGTON SKIN TEST PENICILLIN DERIVATIVES IN HOSPITALIZED ADULTS	01
YUNGINGER, JOHN W	N01 AI 12675	142,977	MAYO FOUNDATION ALLERGEN RESOURCE REFERENCE LABORATORY	04
	8	530,478		
IMMUNOLOGIC DISEASES, OTHER				
SIMON, RONALD A	N01 AI 52605	141,653	SCRIPPS CLINIC AND RESEARCH FOUNDATION CLINICAL TRIAL OF PROPHYLAXIS OF ANAPHYLACTOID REACTIONS	01
	1	141,653		
TRANSPLANTATION AND HISTOCOMPATIBILITY TESTING				
BIAS, WILMA	N01 AI 42540	0*	JOHNS HOPKINS UNIVERSITY MAO (CATEGORY IV)	03

(*) = ACTIVE; NO FY 1985 FUNDS

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RESEARCH DEVELOPMENT & SERVICE CONTRACTS

ALLERGY AND IMMUNOLOGY AREAS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			TRANSPLANTATION AND HISTOCOMPATIBILITY TESTING	
BOYSE, EDWARD A	N01 AI 22664	191,363	SLOAN-KETTERING INSTITUTE FOR CANCER RES DEVELOP NEW METHODS TO PREPARE ALLOANTISERA	02
CHANG, CHIN-HAI	N43 AI 52594	50,000	GENE LABS, INC. HUMAN MONOCLONAL ANTIBODIES TO HLA-DR DETERMINANTS	03
DAVID, CHELLA S	N01 AI 22674	264,429	MAYO FOUNDATION PREPARE ALLOANTISERA FOR H-2 MURINE CELL ANTIGENS	02
GOEKEN, NANCY	N01 AI 42560	0*	UNIVERSITY OF IOWA MAO (CATEGORY IV)	03
KIRKMAN, ROBERT L	N01 AI 52587	617,508	BRIGHAM AND WOMEN'S HOSPITAL MONOCLONAL ANTIBODY TREATMENT OF KIDNEY GRAFT REJECTION	03
STROM, TERRY	N01 AI 32687	77,493	BRIGHAM AND WOMEN'S HOSPITAL CROSSMATCHING TECHNIQUE IN CADAVERIC ORGAN	03
SUCIU-FOCA, NICOLE	N01 AI 32505	134,594	COLUMBIA UNIVERSITY NEW YORK SCREENING HISTOCOMPATIBILITY TESTING REAGENTS	03
TERASAKI, PAUL I	N01 AI 52589	326,160	UNIVERSITY OF CALIFORNIA LOS ANGELES MONOCLONAL ANTIBODY TREATMENT OF KIDNEY GRAFT REJECTION	03
THOMPSON, JOHN S	N01 AI 42539	85,133	UNIVERSITY OF KENTUCKY MAO (CATEGORY I)	03
THOMPSON, JOHN S	N01 AI 52588	209,341	UNIVERSITY OF KENTUCKY MONOCLONAL ANTIBODY TREATMENT OF KIDNEY GRAFT REJECTION	03
	11	1,956,021		

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH DEVELOPMENT & SERVICE CONTRACTS

TOTAL 18 CONTRACTS FUNDED -- $3,232,518 *PLUS 5 CONTRACTS ACTIVE; NO 1985 FUNDS

REAGENTS: PROCESSING, PACKAGING, REPOSITORY, DISTRIBUTION

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			REPOSITORY AND DISTRIBUTION	
BILOFSKY, HOWARD	N01 GM 22127	100,000	BOLT BERANEK & NEWMAN INC. NUCLEIC ACID SEQUENCE DATA BANK	41
BORTIN, MORTIMER M	N01 AI 32532	0*	MEDICAL COLLEGE OF WISCONSIN INTERNATIONAL BONE MARROW TRANSPLANT REGISTRY	02
LEE, JOHN C	N01 AI 42535	30,000	AMERICAN NATIONAL RED CROSS DEVELOP AND MAINTAIN AN NIAID-INITIATED HLA SERUM BANK	03
PAN, PERCY S	N01 AI 42536	145,972	BIOTECH RESEARCH LABORATORIES, INC. MAINTAIN REPOSITORY DISTRIBUTION CENTER FOR REAGENTS	77
PHILLIPS, JERE M	N01 AI 52567	540,859	MELOY LABORATORIES, INC. FACILITY FOR NONHUMAN PRIMATES FOR VIRAL HEPATITIS	53
TENNANT, BUD C	N01 AI 52585	670,935	CORNELL UNIVERSITY ITHACA BREEDING FACILITY FOR WOODCHUCKS (MARMOTA MONA)	53
WEINBLATT, ANITA	N01 AI 02655	183,344	AMERICAN TYPE CULTURE COLLECTION MAINTAIN HYBRIDOMA CELL LINES	02
	8	1,671,110		
			REAGENT TESTING AND CERTIFICATION	
BARGER, BRUCE O	N01 AI 52583	83,012	UNIVERSITY OF ALABAMA AT BIRMINGHAM TANSPLANTATION ANTIGENS OF BLACK AND/OR NATIVE AMERICANS	03
JOHNSON, ARMEAD H	N01 AI 22675	0*	GEORGETOWN UNIVERSITY SCREENING HISTOCOMPATIBILITY TESTING REAGENTS	03
JOHNSON, ARMEAD H	N01 AI 52580	137,254	GEORGETOWN UNIVERSITY TRANSPLANTATION ANTIGENS OF BLACK AND/OR NATIVE AMERICAN	03
	3	220,266		

(*) = ACTIVE; NO FY 1985 FUNDS

RESEARCH DEVELOPMENT & SERVICE CONTRACTS

REAGENTS: PROCESSING, PACKAGING, REPOSITORY, DISTRIBUTION

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			REAGENTS AND RESOURCES, OTHER	
BIAS, WILMA S	N01 AI 52569	76,278	JOHNS HOPKINS UNIVERSITY ALLOANTIBODIES TOWARD POLYMORPHIC NON-MHC ANTIGENS	03
GARD, ELIZABETH	N01 CM 47649	100,000	LITTON BIONETICS MAINTENANCE & TRANSFER OF TUMOR LABORATORY ANIMAL MODEL	11
GERETY, ROBERT	Y01 AI 30002	223,860	FOOD & DRUG ADMINISTRATION SUPPORT FOR HOLLOMAN AIR FORCE BASE CHIMPANZEE COLONY	53
MANAK, MARK M	N43 AI 52598	49,827	BIOTECH RESEARCH LABORATORIES, INC. RECOMBINANT TECHNIQUES FOR PRODUCTION OF AN AIDS VACCINE	57
MCKNIGHT, KATHRYN	Y01 AI 50002	120,000	U.S. FOOD AND DRUG ADMINISTRATION SUPPORT FOR HOLLOMAN AIR FORCE BASE CHIMPANZEE COLONY	53
NAYES, HOWARD	N01 AI 30010	0*	U.S. ARMY MEDICAL RESEARCH U.S. CAPACITY TO ADDRESS TROPICAL DISEASE PROBLEMS	95
POLLACK, MARILYN S	N01 AI 22676	0*	SLOAN-KETTERING INSTITUTE FOR CANCER RES SCREENING HISTOCOMPATIBILITY TESTING REAGENTS	03
POOLE, KENNETH W	N01 AI 42532	605,005	RESEARCH TRIANGLE INSTITUTE DATA STUDY OF PREVENTION OF PREMATURITY	71
SCHREIER, HANS	N43 AI 52600	49,709	LIPOSOME TECHNOLOGY, INC. A LIPOSOME DELIVERY SYSTEM FOR WATER SOLUBLE ANTIBODIES	63
SHOPE, ROBERT E	N01 AI 12678	0*	YALE UNIVERSITY ARBOVIRUS REAGENT PRODUCTION	32
STEUER, ANTON F	N43 AI 52599	49,951	BIOTECH RESEARCH LABORATORIES, INC. DEVELOPMENT OF A NOVEL POTENTIOMETRIC IMMUNOSENSOR	63
THOMPSON, JOHN S	N01 AI 52570	66,512	UNIVERSITY OF KENTUCKY ALLOANTIBODIES TOWARD POLYMORPHIC NON-MHC ANTIGENS	03
	12	1,341,142		

(*) = ACTIVE; NO FY 1985 FUNDS

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PART IV

*TOTAL FOREIGN GRANTS AND CONTRACTS

(BY COUNTRY)

14 AWARDS FUNDED $729,004

*INCLUDED IN PARTS I-III. PART IV PAGE NUMBERS NOT LISTED IN INDEX

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FOREIGN GRANTS AND CONTRACTS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			AUSTRALIA	
COLMAN, PETER M	R01 AI 21659-01	40,983	COMMONWEALTH SCI & IND RES ORG 3-DIMENSIONAL STRUCTURES OF INFLUENZA NEURAMINIDASES	50
HANDMAN, EMANUELA	R01 AI 19347-03	49,321	ROYAL MELBOURNE HOSPITAL CHARACTERIZATION AND CLONING OF LEISHMANIA ANTIGENS	40
NOSSAL, GUSTAV J	R01 AI 03958-24A1	93,921	WALTER AND ELIZA HALL INST MEDICAL RES MECHANISMS OF LYMPHOCYTE-ANTIGEN INTERACTIONS	02
SHORTMAN, KENNETH D	R01 AI 17310-05	51,341	WALTER AND ELIZA HALL INST MEDICAL RES T CELL DEVELOPMENT IN THE THYMUS	02
VADAS, MATHEW A	R01 AI 21876-01	44,745	WALTER AND ELIZA HALL INST MEDICAL RES FUNCTION AND STRUCTURE OF HUMAN NEUTROPHIL ANTIGENS	04
	5	280,311		
			CANADA	
SEHON, ALEC	R01 AI 14526-08	53,000	UNIVERSITY OF MANITOBA SUPPRESSION OF THE IGE RESPONSE	01
SKAMENE, EMIL	R01 AI 18693-03S1	24,635	MONTREAL GENERAL HOSPITAL INR (BCG) GENE: PROBE OF HOST-PARASITE INTERACTION	03
SKAMENE, EMIL	R01 AI 18693-04	91,465	MONTREAL GENERAL HOSPITAL INR (BCG) GENE: PROBE OF HOST-PARASITE INTERACTION	03
	3	169,100		

(*) = ACTIVE; NO FY 1985 FUNDS

FOREIGN GRANTS AND CONTRACTS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
		EGYPT		
EL SAID, SHERIF	N01 AI 22667	581,800**	AIN SHAMS UNIVERSITY EPIDEMIOLOGY AND CONTROL OF ARTHROPOD-BORNE DISEASES	95
	1	0**		
		GERMANY FED R		
KLEIN, JAN	R01 AI 14736-08	74,411	MAX PLANCK INSTITUTE FOR BIOLOGY POLYMORPHISM OF THE MAJOR HISTOCOMPATIBILITY COMPLEX	03
	1	74,411		
		ISRAEL		
CABANTCHIK, Z IOAV	R01 AI 20342-03	47,840	HEBREW UNIVERSITY OF JERUSALEM MALARIA INFECTED CELLS: TRANSPORT PROPERTIES	40
CALUN, RACHEL	N01 AI 22568	468,521**	HEBREW UNIVERSITY OF JERUSALEM EPIDEMIOLOGY AND CONTROL OF ARTHROPOD-BORNE DISEASES	95
FECHT, ISRAEL	R01 AI 22669-01	93,550	WEIZMANN INSTITUTE OF SCIENCE THE IGE-RECEPTOR - CALCIUM CHANNEL COMPLEX ON BASOPHILS	01
	3	141,390		
		MEXICO		
MEZA, ISAURA	R01 AI 21304-02	18,150	NATIONAL POLYTECHNIC INSTITUTE CELL AND MOLECULAR BIOLOGY OF ENTAMOEBA HISTOLYTICA	40
	1	18,150		

(**) = FUNDED BY AID-STATE DEPARTMENT - NOT INCLUDED IN TOTAL
(*) = ACTIVE; NO FY 1985 FUNDS

INVESTIGATOR	GRANT NUMBER	AMOUNT	INSTITUTION/TITLE	BR.
			NETHERLANDS	
WHITE, THEODORE C	F32 AI 07184-01X1	3,000	NETHERLANDS CANCER INSTITUTE STRUCTURE AND FUNCTION OF TELOMERES IN TRYPANOSOMES	40
	1	3,000		
			UNITED KINGDOM	
FELDMANN, MARC	R01 AI 19233-03	42,642	UNIVERSITY OF LONDON REGULATION OF HUMAN T AND B CELL RESPONSES IN VITRO	02
	1	42,642		

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(*) = ACTIVE; NO FY 1985 FUNDS

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ABRAHAM, GEORGE N	R01 AI 19658-02	102
ABRAMSON, JON S	K04 AI 00670-01	51
ABRAMSON, JON S	R01 AI 20506-02	49
ACUTO, ORESTE	R01 AI 22211-01	110
ADKINSON, N FRANKLIN, JR	R01 AI 21073-02	143
ADLER, JULIUS	R01 AI 08746-17	9
ADLER, LOUISE T	R01 AI 13159-11	110
ADLER, STUART P	R01 AI 17069-06	63
AGABIAN, NINA M	R01 AI 21975-02	85
AGABIAN, NINA M	R22 AI 22238-02	89
AIKAWA, MASAMICHI	R01 AI 10645-14	81
AIKAWA, MASAMICHI	R01 AI 19088-03	81
AIR, GILLIAN M	R01 AI 18203-04A1	49
AIR, GILLIAN M	R01 AI 19084-03	49
ALBRECHT, THOMAS	N01 AI 42557	188
ALDERETE, JOHN F	K04 AI 00584-02	80
ALDERETE, JOHN F	R01 AI 18768-04	79
ALDO-BENSON, MARLENE A	R01 AI 21066-02	110
ALEXANDER, J WESLEY	R01 AI 12936-09	21
ALEXANDER, RUSSELL	Y01 AI 40010	183
ALPER, CHESTER A	R01 AI 14157-14A2	132
ALT, FREDERICK W	R01 AI 20047-03	127
AMBINDER, RICHARD F	K11 AI 00648-01	68
AMBRUSO, DANIEL R	R01 AI 19423-02	46
AMOS, DENNIS B	T32 AI 07240-04	175
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AMOS, DENNIS B	K06 AI 18399-24	155
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ANDERS, DAVID G	F32 AI 07293-01	168
ANDERSEN, BURTON R	R01 AI 19798-03	132
ANDERSON, BYRON E	R01 AI 18317-03	132
ANDERSON, DEBORAH J	U01 AI 21141-02	130
ANDERSON, DONALD C	K04 AI 00501-04	48
ANDERSON, DONALD C	R01 AI 19031-04	46
ANDERSON, JOHN R	R01 AI 20245-03	100
ANDERSON, JOHN S	R01 AI 08295-17	9
ANDERSON, PORTER	N01 AI 12673	182
ANDERSON, PORTER	N01 AI 52571	182
ANDERSON, PORTER W	R01 AI 17938-05	24
ANDREONE, PETER A	F32 AI 07136-02	165
ANFINSEN, CHRISTIAN B	R01 AI 20417-03	10
ANKEL, HELMUT K	R01 AI 15007-07	69
ANTHONY, BASCOM F	R01 AI 14827-07A1	33
APICELLA, MICHAEL A	R01 AI 18384-05	30
APICELLA, MICHAEL A	R01 AI 19641-03	24
ARAUJO, FAUSTO G	R01 AI 18794-03	85
ARCHER, GORDON L	R01 AI 21772-01	6
ARLIAN, LARRY G	R01 AI 17252-04	98
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